



# TOWN OF MONTGOMERY POLICE STATION

106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549



TOWN OF MONTGOMERY  
POLICE DEPARTMENT  
106 BRACKEN ROAD, MONTGOMERY, NY 12549

OWNER:



25 WALLKILL AVE • MONTGOMERY • NY 12549  
O. 845.294.2724 | F. 888.305.6442

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ARCHITECTURE • PLANNING • INTERIORS

ARCHITECT:



ASSOCIATES, P.C. | STRUCTURAL ENGINEERS

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STRUCTURAL ENGINEER:



ENGINEERING

433 State Street, 4th Floor Schenectady, NY 12305  
t.518.533.2171 | f.518.533.2177 | www.meengineering.com

MECHANICAL ENGINEER:



P.O. Box 687, Rt. 207 Goshen, N.Y. 10924  
(845) 294-3700

CIVIL ENGINEER:

1. TOWN OF MONTGOMERY POLICE STATION IS SOLICITING PROPOSALS FOR THE CONSTRUCTION OF A NEW 8,478 S.F. POLICE STATION AS FURTHER DETAILED IN THE DRAWINGS AND SPECIFICATIONS. THIS PROJECT IS LOCATED AT 58L 30-87-1. BIDDERS ARE WARNED THAT TIME IS OF THE ESSENCE IN THIS CONTRACT AND THEY MUST BE PREPARED TO PROCEED WITH THE WORK ACCORDINGLY. THE PROJECT SUBSTANTIAL COMPLETION DATE MUST BE DECEMBER 15, 2026, AND THE FINAL COMPLETION DATE MUST BE JANUARY 15, 2027.
2. IN ACCORDANCE WITH FEDERAL AND NEW YORK STATE GENERAL MUNICIPAL LAW, THE TOWN OF MONTGOMERY POLICE STATION IS SEEKING BIDS FOR ONE PRIME CONTRACT.
3. EACH SUBCONTRACTOR SHALL BE ADVISED THAT HE SHALL BE RESPONSIBLE FOR THE COORDINATION OF HIS ASPECT OF THE PROJECT WITH ALL OTHER CONTRACTORS AND THAT ALL DRAWINGS AND SPECIFICATIONS PERTAINING TO THE PROJECT, WHETHER OR NOT SPECIFICALLY CALLED OUT IN THE FOLLOWING SCOPE OF WORK. EACH CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, INCIDENTALS AND APPURTENANCES, AS NECESSARY, TO COMPLETE ALL WORK AS DESCRIBED IN THE ARCHITECTURAL/STRUCTURAL CIVIL, AND MEP SPECIFICATIONS AND DRAWINGS.
4. A-600 DRAWINGS ARE PROVIDED FOR GENERAL CONSTRUCTION DETAILING AND WILL NOT PRECISE VARIOUS MANUFACTURING DETAILS. NOT ALL DETAILS MAY BE PERTINENT. CONTRACTOR TO BE RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND INSTALL ITEMS AS PER MANUFACTURERS SPECIFICATIONS.

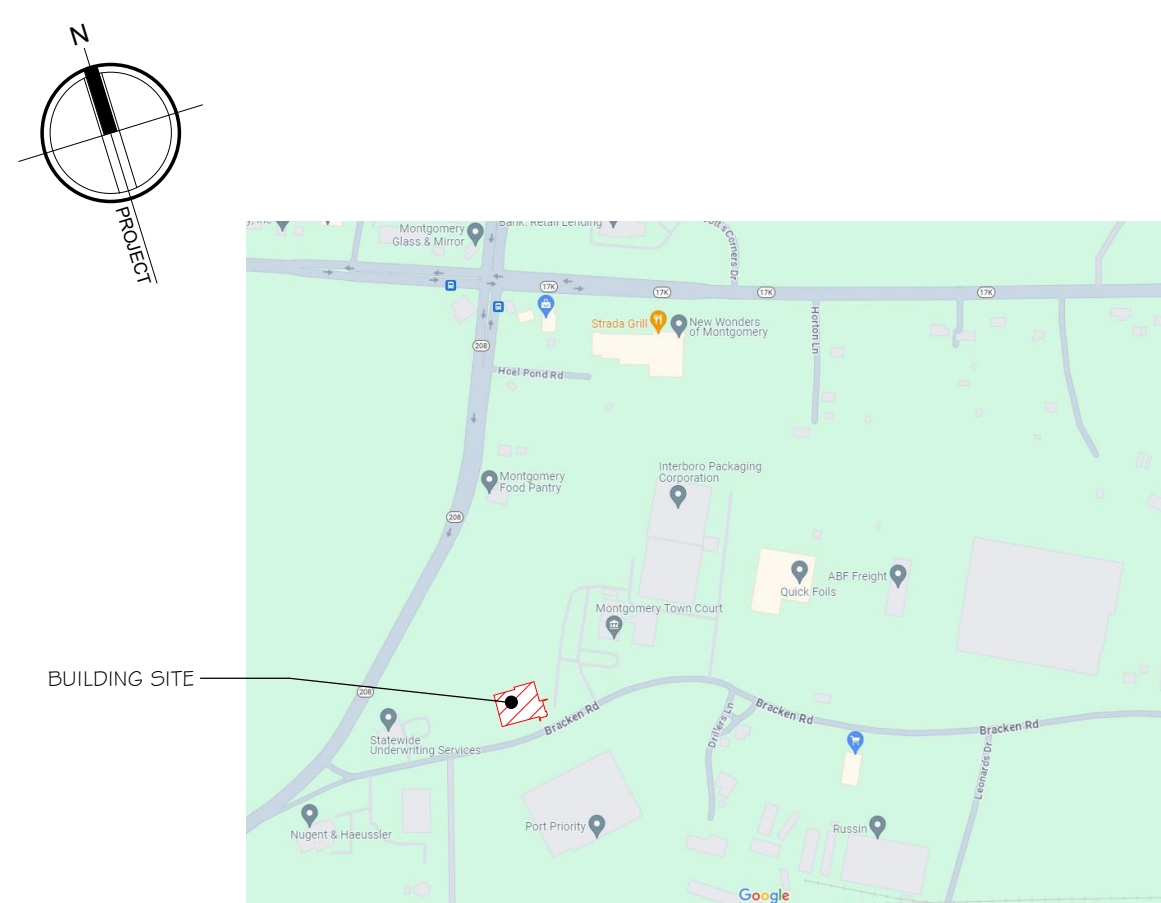
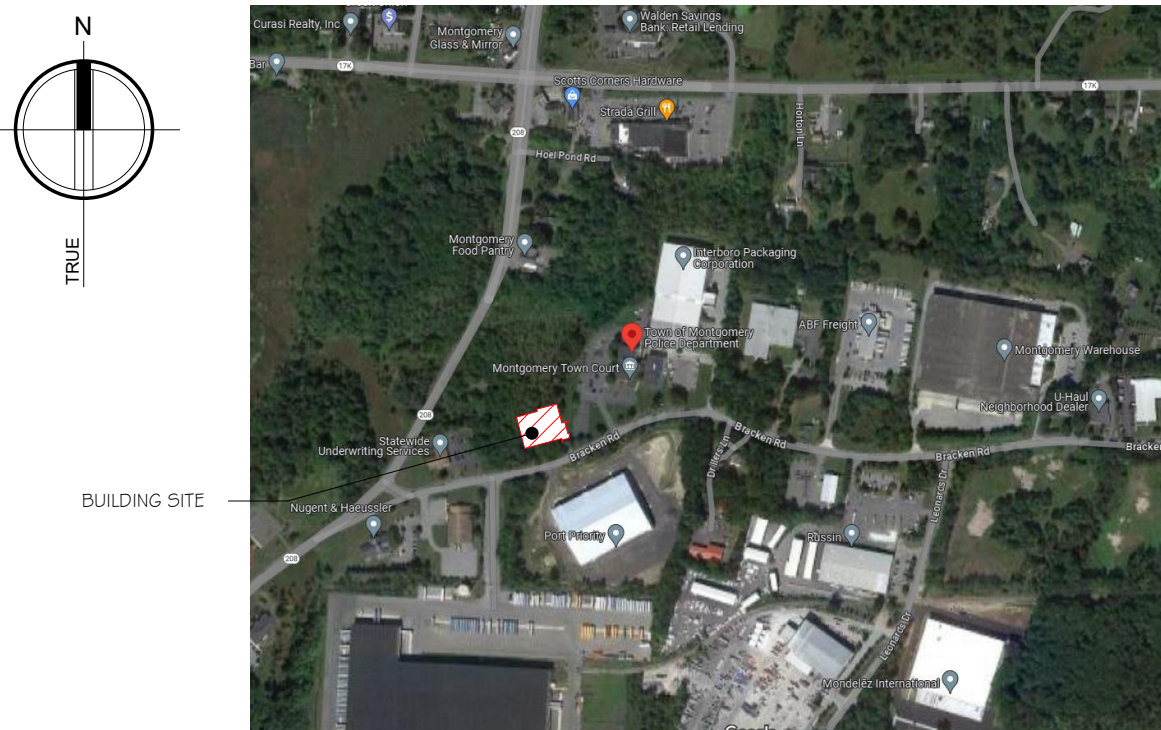
## LEGEND:

	EXISTING CONSTRUCTION TO REMAIN		PERSONNEL DOOR TAG @ BASEMENT FL LEVEL
	EXISTING CONSTRUCTION TO BE REMOVED		PERSONNEL DOOR TAG @ FIRST FL LEVEL
	NEW WALL		PERSONNEL DOOR TAG @ SECOND FL LEVEL
	EXISTING DOOR TO REMAIN		STOREFRONT TAG @ FIRST FL LEVEL
	NEW DOOR		DEMOUNTABLE GLASS TAG @ FIRST FL LEVEL
	EXISTING DOOR TO BE REMOVED		
	DOOR TAG		ELEVATION TAG
	ROOM DESIGNATION TAG		WALL/BUILDING SECTION CUT
	WALL TYPE TAG		DETAIL TAG
	WINDOW TAG		
	FINISH TAG		
	KEY NOTE		
	EXISTING WALL MODIFIED TO ACHIEVE REQ'D FIRE RESISTANCE		

## ABBREVIATIONS:

AB.	ANCHOR BOLT	MAT.	MATERIAL
A.C.T.	ACOUSTICAL CEILING TILE	MAX.	MAXIMUM
A.F.F.	ABOVE FINISH FLOOR	MECH.	MECHANICAL
APPX.	APPROXIMATE	MIN.	MINIMUM
ARCH.	ARCHITECT	MIR.	MIRROR
BSMT.	BASEMENT	MISC.	MISCELLANEOUS
BM	BEAM	MTL	METAL
BO	BOARD	NOM.	NOMINAL
BOT.	BOTTOM	N.T.S.	NOT TO SCALE
BLDG.	BUILDING	O.C.	ON CENTER
CAB.	CABINET	O.H.	OVERHEAD
CLG.	CEILING	PTD.	PAINTED
C.T.	CERAMIC TILE	P.LAM.	PLASTIC LAMINATE
CIR.	CIRCLE	PL.	PLATE
COL.	COLUMN	P.S.F.	POUNDS PER SQ. FOOT
C.J.	CONTROL JOINT	P.S.I.	POUNDS PER SQ. INCH.
CORR.	CORRIDOR	PRFAB	PREFABRICATED
D.L.	DEAD LOAD	P.T.	PRESSURE TREATED (WOOD)
DTL.	DETAIL	RAD.	RADIUS
DIM.	DIAMETER	RLG.	RAILING
D.W.	DISHWASHER	REF.	REFRIGERATOR
D.H.	DOUBLE HUNG	REINF.	REINFORCE(ED), (ING)
D.S.	DOWNSPOUT	REV.	REVISION, (S), (ED)
DWG.	DRAWING	R.	RISKER
ELEC.	ELECTRICAL	RFG.	ROOFING
ELEV.	ELEVATION	RM.	ROOM
EQ.	EQUAL	SEC.	SECTION
EXST.	EXISTING	SHT.	SHEATHING
EXT.	EXTERIOR	SHT.	SHEET
E.I.F.S.	EXTERIOR INSULATED FINISH SYSTEM	SIM	SIMILAR
FIN.	FINISH	S.C.	SOLID CORE
F.P.	FIREPLACE	SPEC.	SPECIFICATION
FLR.	FLOOR	SQ.	SQUARE
F.D.	FLOOR DRAIN	STD.	STANDARD
FTG.	FOOTING	STO.	STORAGE
FND.	FOUNDATION	STRL.	STRUCTURAL
FUR.	FURRED	THK.	THICKNESS
G.C.	GENERAL CONTRACTOR	THR.	THRESHOLD
GL.	GLASS, GLAZING	T&G.	TONGUE AND GROOVE
GYP.BD.	GYP-SUM BOARD	T.O.C.	TOP OF CONCRETE
HDW.	HARDWARE	T.O.B.	TOP OF BEAM
HDR.	HEADER	T.O.F.	TOP OF FOUNDATION
HTG.	HEATING	T.O.P.	TOP OF PLATE
HVAC	HEATING/VENTILATION/AIR CONDITIONING	TR	TREAD
HGT.	HEIGHT	TYP.	TYPICAL
HORZ.	HORIZONTAL	UNF.	UNFINISHED
HB.	HOSE BIBB	U.O.N.	UNLESS OTHERWISE NOTED
INS.	INSULATED, (ION)	V.B.	VAPOR BARRIER
JO.	JOINT	VERT.	VERTICAL
JOIST	JOIST	V.I.F.	VERIFY
KIT	KITCHEN	W.C.	WATER CLOSET
LAV.	LAVATORY	W.P.	WATER PROOFING
LT.	LIGHT	W.R.	WATER RESISTANT
L.L.	LIVE LOAD	WWT.	WELDED WIRE FABRIC
MFR.	MANUFACTURE(R)	WN.	WINDOW
MAS.	MASONRY	W/O	WITHOUT
		WD.	WOOD

## BUILDING LOCATION AERIAL



## BUILDING LOCATION



## SCOPE OF WORK:

- NEW CONSTRUCTION OF A POLICE STATION FOR THE TOWN OF MONTGOMERY.
- I. FIRST FLOOR:
    1. 6,597 S.F. POLICE STATION.
  - II. SECOND FLOOR:
    1. 1,881 S.F. OFFICES, MECHANICAL ROOM, STORAGE AND CONFERENCE ROOM.
  - III. GENERAL CODE DATA:
    1. OCCUPANCY CLASSIFICATION: POLICE STATION: B
    - RECORDS/ STORAGE: 5-1
    - EQUIPMENT ROOMS: U
  - IV. STRUCTURE:
    1. FOOTINGS/FOUNDATION: SPREAD FOOTINGS OVER COMPACTED SOIL.
    2. 1ST FLOOR SLAB: CONCRETE SLAB ON GRADE
    3. 2ND FLOOR: STEEL FRAME
    4. ROOF: EPDM W/ METAL ROOF @ CANOPIES
    5. GENERAL: STEEL FRAME WITH ACM AND MASONRY VENEER FACADE.
  - V. EGRESS:
    1. 1ST FLOOR: DOORS TO GRADE OR EXTERIOR STAIR; ACCESSIBLE - 100%
    2. 2ND FLOOR: EXIT ACCESS STAIR TO FIRST FLOOR, NOT ACCESSIBLE
  - VI. ADDITIONAL CONSTRUCTION DOCUMENTS
    1. SPECIFICATION BOOK
    2. GEOTECHNICAL REPORT
    3. COMCHECK

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS

KEY PLAN	WORK AREA
	25 WALLKILL AVE • MONTGOMERY • NY 12549 O. 845.294.2724   F. 888.305.6442 WWW.ADGARCHITECT.COM CONTACT@ADGARCHITECT.COM ARCHITECTURE • PLANNING • INTERIORS

Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: TITLE SHEET



Project: 23138	Date: 02/24/25
Drawn: IDEA	Scale: AS NOTED
Drawing Number:	A-001



SHEET LIST TABLE			100% CONSTRUCTION DOCUMENT	REVISION HISTORY						CURRENT REVISION			
SHT.	SHEET TITLE	DRAWING DATE		1	2	3	4	5	6	Rev. #	DATE	DESCRIPTION	ISSUED (Y/N)
				MODIFIED	MODIFIED	MODIFIED	MODIFIED	MODIFIED	MODIFIED				
ARCHITECTURAL													
A-001	TITLE SHEET	02/24/25	100%										No
A-002	DRAWING LIST	02/24/25	100%										No
A-003	CODE SHEET	02/24/25	100%										No
A-004	BUILDING DIAGRAM	02/24/25	100%										No
A-005	FIRST FLOOR LIFE SAFETY PLAN	02/24/25	100%										No
A-006	SECOND FLOOR LIFE SAFETY PLAN	02/24/25	100%										No
A-007	LIFE SAFETY SECTION	02/24/25	100%										No
A-008	LIFE SAFETY SECTION	02/24/25	100%										No
A-009	ACCESSIBLE TYPICAL DETAILS	02/24/25	100%										No
A-100-ED	EXISTING/DEMOLITION BENCH PLAN	02/24/25	100%										No
A-200	TYPICAL WALL TYPES	02/24/25	100%										No
A-201	FIRST FLOOR PLAN	02/24/25	100%										No
A-202	SECOND FLOOR PLAN	02/24/25	100%										No
A-203	ENLARGED MEN'S - WOMEN'S TOILET - LOCKER ROOM & BOOKING	02/24/25	100%										No
A-204	FIRST FLOOR RCP	02/24/25	100%										No
A-205	SECOND FLOOR RCP	02/24/25	100%										No
A-206	ROOF PLAN	02/24/25	100%										No
A-300	NORTH & SOUTH EXTERIOR ELEVATIONS	02/24/25	100%										No
A-301	WEST & EAST EXTERIOR ELEVATIONS	02/24/25	100%										No
A-400	BUILDING SECTIONS	02/24/25	100%										No
A-401	BUILDING SECTIONS	02/24/25	100%										No
A-402	BUILDING SECTIONS	02/24/25	100%										No
A-403	SOUTH WALL SECTION & DETAILS	02/24/25	100%										No
A-404	EAST WALL SECTION @ SILL AND HEADER DETAILS	02/24/25	100%										No
A-405	EAST WALL STOREFRONT SECTION & DETAILS	02/24/25	100%										No
A-406	EAST WALL SECTION AND DETAILS	02/24/25	100%										No
A-407	WEST WALL ELEVATION & SECTION	02/24/25	100%										No
A-408	NORTH WALL SECTION & DETAILS	02/24/25	100%										No
A-409	VESTIBULE SECTION & DETAILS	02/24/25	100%										No
A-410	WALL SECTION AND DETAILS @ PYLON	02/24/25	100%										No
A-411	STAIR PLAN AND SECTIONS	02/24/25	100%										No
A-412	STAIR DETAILS	02/24/25	100%										No
A-413	ROOF STAIR PLAN AND SECTION	02/24/25	100%										No
A-500	WOMEN'S TOILET # 116, LOCKER # 119 & TRANSFER TOILET 136 INT. ELEVATION	02/24/25	100%										No
A-501	MEN'S TOILET # 115 INTERIOR ELEVATIONS	02/24/25	100%										No
A-502	TOILET # 135, TOILET # 134 & JANITORS CLO. # 17 INT. ELEV.	02/24/25	100%										No
A-503	MEN'S LOCKER # 116 INTERIOR ELEVATION	02/24/25	100%										No
A-504	BREAK ROOM INTERIOR ELEVATION	02/24/25	100%										No
A-505	LOBBY INTERIOR ELEVATION	02/24/25	100%										No
A-506	LOBBY INTERIOR ELEVATION	02/24/25	100%										No
A-507	EVIDENCE PROCESSING & BOOKING INT. LEV.	02/24/25	100%										No
A-508	LOW PARTITION INTERIOR ELEVATIONS	02/24/25	100%										No
A-509	VESTIBULE INTERIOR ELEVATION	02/24/25	100%										No
A-510	TRAINING ROOM INTERIOR ELEVATIONS	02/24/25	100%										No
A-511	NEW BENCH PLAN & ELEVATIONS	02/24/25	100%										No
A-600	FIRE RATED DETAILS	02/24/25	100%										No
A-601	CONDUIT DETAILS	02/24/25	100%										No
A-602	MOISTURE BARRIER DETAILS	02/24/25	100%										No
A-603	METAL FRAMING DETAILS	02/24/25	100%										No
A-604	MASONRY DETAILS	02/24/25	100%										No
A-605	TILE SCHLUTTER DETAILS	02/24/25	100%										No
A-606	MILLWORK DETAILS	02/24/25	100%										No
A-607	DOOR DETAILS	02/24/25	100%										No
A-608	WINDOW DETAILS	02/24/25	100%										No
A-609	EPDM ROOF DETAILS	02/24/25	100%										No
A-610	EPDM ROOF DETAILS	02/24/25	100%										No
A-611	EPDM ROOF DETAILS	02/24/25	100%										No
A-612	ROOFING DETAILS	02/24/25	100%										No
A-613	ACM DETAILS	02/24/25	100%										No
A-614	ACM DETAILS	02/24/25	100%										No
A-615	ACM DETAILS	02/24/25	100%										No
A-616	MULLION MATE DETAILS	02/24/25	100%										No
A-617	CURTAIN WALL DETAILS	02/24/25	100%										No
A-618	TOILET PARTITION DETAILS	02/24/25	100%										No
A-619	CANOPY DETAILS	02/24/25	100%										No
A-620	COMMERCIAL SITE DETAILS	02/24/25	100%										No
A-621	DOOR & WINDOW FLASHING SEQUENCE	02/24/25	100%										No
A-622	CEILING DETAILS	02/24/25	100%										No
A-623	WALL TRANSITION DETAIL & STOREFRONT DETAILS	02/24/25	100%										No
A-624	TYPICAL STAIR DETAILS	02/24/25	100%										No
A-625	DRAIN-AND-DRY LATH DETAILS	02/24/25	100%										No
A-626	DOOR DETAILS	02/24/25	100%										No
A-700	FIRST FLOOR FINISH PLAN	02/24/25	100%										No
A-701	SECOND FLOOR FINISH PLAN	02/24/25	100%										No
A-702	FINISH SCHEDULE	02/14/25	100%										No
A-703	FIRST FLOOR PAINT PLAN	02/24/25	100%										No

SHEET LIST TABLE			100% CONSTRUCTION DOCUMENT	REVISION HISTORY						CURRENT REVISION			
SHT.	SHEET TITLE	DRAWING DATE		1	2	3	4	5	6	Rev. #	DATE	DESCRIPTION	ISSUED (Y/N)
				MODIFIED	MODIFIED	MODIFIED	MODIFIED	MODIFIED	MODIFIED				
A-704	SECOND FLOOR PAINT PLAN	02/24/25	100%									No	
A-800	DOORS & WINDOW SCHEDULE	02/24/25	100%									No	
A-801	STOREFRONT SCHEDULE	02/24/25	100%									No	
A-802	STOREFRONT SCHEDULE	02/24/25	100%									No	
A-803	STOREFRONT SCHEDULE	02/24/25	100%									No	
A-804	STOREFRONT SCHEDULE	02/24/25	100%									No	
A-805	STOREFRONT SCHEDULE	02/24/25	100%									No	
A-900	FIRST FLOOR FURNITURE PLAN	02/24/25	100%									No	
A-901	SECOND FLOOR FURNITURE PLAN	02/24/25	100%									No	
A-902	INTERIOR SIGN SCHEDULE	02/24/25	100%									No	
A-903	FIRST FLOOR IT-AV PLAN	02/24/25	100%									No	
A-904	SECOND FLOOR IT-AV PLAN	02/24/25	100%									No	
A-905	EXTERIOR RENDERING	02/24/25	100%									No	
A-906	INTERIOR RENDERING	02/24/25	100%									No	
A-907	INTERIOR RENDERING	02/24/25	100%									No	
CIVIL													
1	EXISTING CONDITIONS AND REMOVAL PLAN	01/14/25	100%									No	
2	SITE PLAN	01/14/25	100%									No	
3	GRADING AND UTILITY PLAN	01/14/25	100%									No	
4	EROSION AND SEDIMENT CONTROL PLAN	01/14/25	100%									No	
5	CONSTRUCTION DETAILS 1	01/14/25	100%									No	
6	CONSTRUCTIONS DETAILS 2	01/14/25	100%									No	
B-401	RETAINING WALL PLAN	01/14/25	100%									No	
B-402	SEGMENTAL RETAINING WALL - SPECIFICATIONS AND NOTES	01/14/25	100%									No	
STRUCTURAL													
S-001	NOTES	02/24/25	30%									No	
S-002	NOTES	02/24/25	30%									No	
S-003	SPECIAL INSPECTIONS	02/24/25	30%									No	
S-100	FOUNDATION	02/24/25	30%									No	
S-101	LOW ROOF FRAMING	02/24/25	30%									No	
S-102	HIGH ROOF PLAN	02/24/25	30%									No	
S-200	FOUNDATION DETAILS	02/24/25	30%									No	
S-201	FOUNDATION/FRAMING DETAILS	02/24/25	30%									No	
S-300	SECTIONS AND DETAILS	02/24/25	30%									No	
S-301	SECTION AND DETAILS	02/24/25	30%									No	
S-302	SECTIONS AND DETAILS	02/24/25	100%									No	
S-303	SECTIONS AND DETAILS	02/24/25	100%									No	
MECHANICAL													
H-001	HVAC GENERAL NOTES, SYSTEMS & ABBREVIATIONS	02/24/25	100%									No	
H-101	FIRST FLOOR PLAN - HVAC	02/24/25	100%									No	
H-102	SECOND FLOOR & ROOF PLAN - HVAC	02/24/25	100%									No	
H-501	HVAC DETAILS	02/24/25	100%									No	
H-701	HVAC SCHEDULES	02/24/25	100%									No	
ELECTRICAL													
E-001	ELECTRICAL LEGEND & ABBREVIATIONS	02/24/25	100%									No	
E-002	ELECTRICAL SITE PLAN	02/24/25	100%									No	
E-101	FIRST FLOOR PLAN - POWER & SYSTEMS	02/24/25	100%									No	
E-102	SECOND FLOOR PLAN - POWER & SYSTEMS	02/24/25	100%									No	
E-201	FIRST FLOOR PLAN - LIGHTING	02/24/25	100%									No	
E-202	SECOND FLOOR PLAN - LIGHTING	02/24/25	100%									No	
E-601	ELECTRICAL ONLINE DIAGRAM	02/24/25	100%									No	
E-701	ELECTRICAL SCHEDULES & DETAILS	02/24/25	100%									No	
E-702	ELECTRICAL DETAILS	02/24/25	100%									No	
PLUMBING													
P-001	GENERAL NOTES & SYMBOLS LIST	02/24/25	100%									No	
P-002	PLUMBING SITE PLAN	02/24/25	100%									No	
P-100	UNDERSLAB PLAN - PLUMBING	02/24/25	100%									No	
P-101S	FIRST FLOOR PLAN - PLUMBING DRW	02/24/25	100%									No	
P-101W	FIRST FLOOR PLAN - PLUMBING	02/24/25	100%									No	
P-102	SECOND FLOOR - PLUMBING	02/24/25	100%									No	
P-103	ROOF PLAN - PLUMBING	02/24/25	100%									No	
P-501	DETAILS	02/24/25	100%									No	
P-502	DETAILS	02/24/25	100%									No	
P-503	DETAILS	02/24/25	100%									No	
P-504	DETAILS	02/24/25	100%									No	



# 2020 NYS BUILDING CODE DATA

CHAPTER 3 - USE & OCCUPANCY CLASSIFICATION				
CODE DESCRIPTION	CODE SECTION	CODE PROVISIONS/ REQUIREMENTS		COMPLIANCE
USE & OCCUPANCY CLASSIFICATION:	SECTION:	GROUP:	ACCESSORY TO:	
B BUSINESS (POLICE STATION)	304.1	B-1	N.A.	COMPLIES
S-1 STORAGE (RECORDS AND EVIDENCE STORAGE)	311.2	S-1	N.A.	COMPLIES
U UTILITY (MECHANICAL AND IT ROOMS)	312.1	U	N.A.	COMPLIES

CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE				
CODE DESCRIPTION	CODE SECTION	CODE PROVISIONS/ REQUIREMENTS		COMPLIANCE (PROVIDED)
COMBUSTIBLE STORAGE	413.1	COMPLIANCE W/ FIRE CODE OF NYS		COMPLIES
HAZARDOUS MATERIALS STORAGE	414	COMPLIANCE W/ FIRE CODE OF NYS		COMPLIES

CHAPTER 5 - GENERAL BUILDING HEIGHTS & AREAS						
CODE DESCRIPTION			CODE SECTION			COMPLIANCE (PROVIDED)
OCCUPANCY CLASSIFICATION GROUP	CONSTRUCTION TYPE	BUILDING HEIGHTS AND AREAS		MAX ALLOWED	HEIGHT MOD.	AREA MOD. (FRONTAGE INCREASE)
S-1	IB	STORIES	TABLE 504.4	2 STORIES	N.A.	2 STORIES, COMPLEX
		BUILDING HEIGHT (FT)	TABLE 504.3	35'		28'-0", COMPLEX
		AREA (S.F.)	TABLE 506.2	15,500 S.F.	N.A.	COMPLEX
B	IB	STORIES	TABLE 504.4	3 STORIES	N.A.	2 STORY, COMPLEX
		BUILDING HEIGHT (FT)	TABLE 504.3	35'		28'-0", COMPLEX
		AREA (S.F.)	TABLE 506.2	23,000 S.F.	N.A.	COMPLEX
U	IB	STORIES	TABLE 504.4	2 STORIES	N.A.	COMPLEX
		BUILDING HEIGHT (FT)	TABLE 504.3	35'		
		AREA (S.F.)	TABLE 506.2	8,500 S.F.	N.A.	

MIXED USE AND OCCUPANCY				
NON-SEPARATED OCCUPANCIES	508.3	N.A.	N.A.	COMPLIES (PROVIDED)

CHAPTER 6 - TYPES OF CONSTRUCTION - REQUIRED FIRE RESISTANCE OF BUILDING ELEMENTS				
BUILDING ELEMENTS	CODE SECTION	CODE PROVISIONS/ REQUIREMENTS		COMPLIANCE (PROVIDED)
STRUCTURAL FRAME (INC. COLUMNS, GIRDERS, TRUSSES)	TABLE 601	REQUIRED FIRE RESISTANCE RATING		COMPLIES
BEARING WALLS				
EXTERIOR	TABLE 601	0 HR		N.A.
INTERIOR	TABLE 602	0 HR		N.A.
NON-BEARING WALLS				
EXTERIOR	TABLE 602	0 HR		COMPLIES
INTERIOR	TABLE 601	0 HR		COMPLIES
FLOOR CONSTRUCTION	TABLE 601	0 HR		COMPLIES
ROOF CONSTRUCTION (INC. SUPPORTING BEAMS & JOISTS)	TABLE 601	0 HR		COMPLIES

CHAPTER 7 - FIRE RESISTANCE-RATED CONSTRUCTION				
CODE DESCRIPTION:	SECTION:	CODE PROVISIONS/ REQUIREMENTS:		COMPLIANCE (PROVIDED):
OPENING SIZES IN FIRE WALLS	708.8	<25% AGGREGATE WIDTH OF WALL		N.A.
		SINGLE OPENING NO TO EXCEED 156 SF		N.A.
SHUTT ENCLOSURES	707.3.1/713.4	1 HR		N.A.
INTERIOR EXIT STAIRWAY AND RAMP CONSTRUCTION	707.3.2/1023.2	1 HR		N.A.

FIRE DOOR/SHUTTER RATINGS				
SECTION:	CODE PROVISIONS/ REQUIREMENTS:		COMPLIANCE (PROVIDED):	
	REQ'D WALL ASSEMBLY RATING REQUIREMENTS:	MINIMUM FIRE DOOR & SHUTTER ASSEMBLY RATING REQUIRED:		
FIRE WALLS AND FIRE BARRIERS HAVE A REQUIRED FIRE RESISTANCE RATING OF GREATER THAN 1 HOUR	4 HOUR WALL	3 HR	N.A.	
	3 HOUR WALL	2 HR	N.A.	
	2 HOUR WALL	1 1/2 HR	N.A.	
	1 1/2 HOUR WALL	1 HR	N.A.	
	ENCLOSURES FOR SHAFTS, INTERIOR EXIT STAIRWAYS AND INTERIOR EXIT RAMPS	2 HRS	1 1/2 HRS	N.A.
HORIZONTAL EXITS IN FIRE WALLS	4 HOUR WALL	3 HR	N.A.	
	3 HOUR WALL	2 HR	N.A.	
	2 HOUR WALL	1 1/2 HR	N.A.	
	1 1/2 HOUR WALL	1 HR	N.A.	
	FIRE BARRIERS HAVING A REQUIRED FIRE-RESISTANCE RATING OF 1 HOUR ENCLOSURES FOR SHAFTS, EXIT ACCESS STAIRWAYS, EXIT ACCESS RAMPS, INTERIOR EXIT STAIRWAYS AND INTERIOR EXIT RAMPS, AND EXIT PASSAGEWAY WALLS	1 HR	1 HR	N.A.
OTHER FIRE BARRIERS	1 HR	3/4 HR	COMPLIES	
	1 HR	1/2 HR	COMPLIES	
	2 HR	1/2 HR	N.A.	
	1 HR	1/2 HR	COMPLIES	
	5 HR	1/2 HR	N.A.	
FIRE PARTITIONS CORRIDOR WALLS	1 HR	3/4 HR	N.A.	
	1 HR	1/2 HR	N.A.	
	2 HR	1/2 HR	N.A.	
	1 HR	3/4 HR	COMPLIES	
	1 HR	3/4 HR	N.A.	
OTHER FIRE PARTITIONS	1 HR	3/4 HR	N.A.	
	1 HR	1/2 HR	N.A.	
	2 HR	1/2 HR	N.A.	
	1 HR	3/4 HR	COMPLIES	
	1 HR	3/4 HR	N.A.	
EXTERIOR WALLS	1 HR	3/4 HR	N.A.	
	1 HR	1/2 HR	N.A.	
	2 HR	1/2 HR	N.A.	
	1 HR	3/4 HR	COMPLIES	
	1 HR	3/4 HR	N.A.	
SMOKE BARRIERS	1 HR	3/4 HR	N.A.	
	1 HR	1/2 HR	N.A.	
	2 HR	1/2 HR	N.A.	
	1 HR	3/4 HR	COMPLIES	
	1 HR	3/4 HR	N.A.	

FIRE WINDOW ASSEMBLY FIRE PROTECTION RATINGS				
CODE DESCRIPTION	CODE SECTION	CODE PROVISIONS/ REQUIREMENTS		COMPLIANCE
INTERIOR WALLS				
FIRE WALLS		ALL	N.P.	N.A.
FIRE BARRIERS		≥1	N.P.	N.A.
1		N.P.	N.A.	
1		3/4 HR	N.A.	
1		3/4 HR	N.A.	
0.5		1/2 HRS	N.A.	
1		3/4 HR	N.A.	
1		1 1/2 HR	N.A.	
1		3/4 HR	N.A.	
0.5		1/2 HRS	N.A.	
ALL		N.P.	N.A.	
FIRE DAMPER RATING				
≥ 3 HR. RATED ASSEMBLY	TABLE 717.3.2.1	1.5 HRS	N.A.	
≥ OR ≥ 3 HR. RATED ASSEMBLY		1 HRS	N.A.	

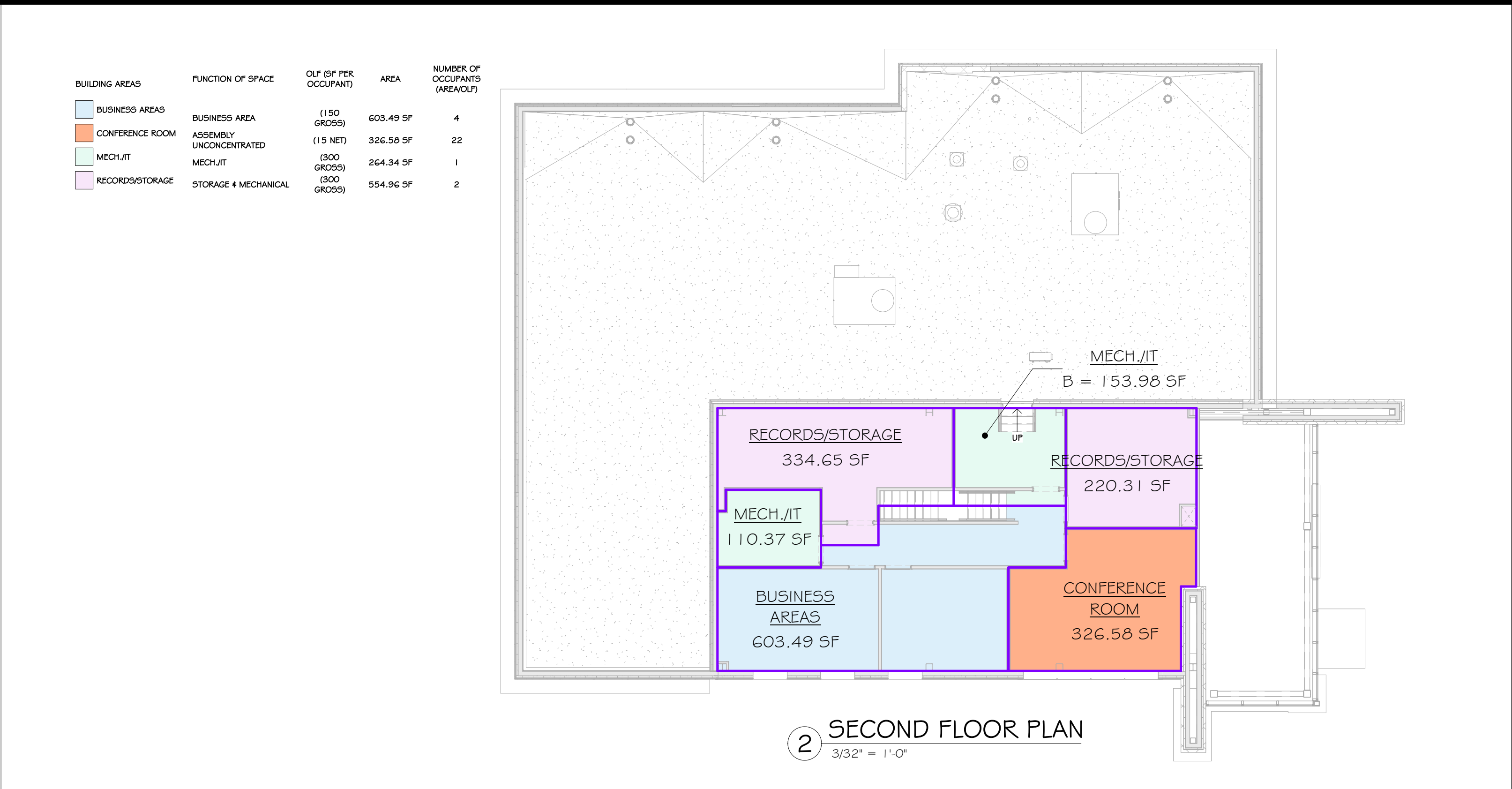
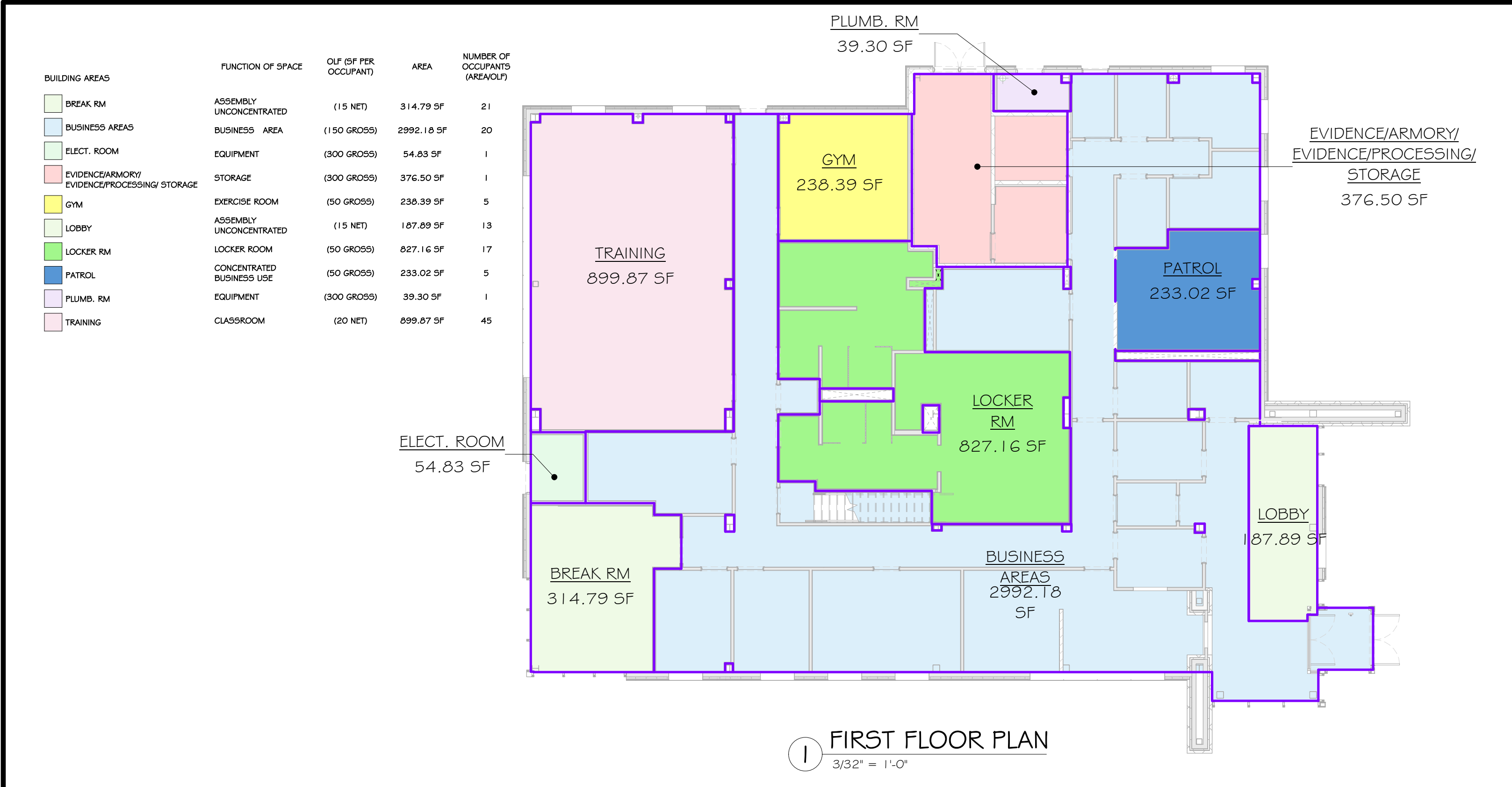
CHAPTER 8 - INTERIOR FINISHES				
CODE DESCRIPTION	CODE SECTION	CODE PROVISIONS/ REQUIREMENTS		COMPLIANCE
EXTERIOR WALL & CEILING FINISH REQUIREMENTS		CLASSES ALLOWED (SPRINKLERED)		ACTUAL
	TABLE 803.13			
BY OCCUPANCY				
S-1		EXIT ENCLOSURE	B	C
U		NO RESTRICTIONS		
B		A	B	C

CHAPTER 9 - FIRE PROTECTION SYSTEMS				
CODE DESCRIPTION	CODE SECTION	CODE PROVISIONS/ REQUIREMENTS		PROVIDED:
AUTOMATIC SPRINKLER SYSTEMS	903	NOT REQUIRED		N.A.
FIRE EXTINGUISHERS				
YES		COMPLIES-SEE LIFE SAFETY PLANS		
LOW HAZARD OCC.	906	ORDINARY HAZARD OCC.	EXTRA HAZARD OCC.	
2-2N		2-A	4-A	
4,000 SF		1,500 SF	1,000 SF	
MAXIMUM A FOR EXTINGUISHER B				
11,250 SF		11,250 SF	11,250 SF	
75 FEET		75 FEET	75 FEET	
STANDPIPE SYSTEM	905.3.1	NOT REQUIRED		N.A.
FIRE ALARM & DETECTION SYSTEM	907.2	NOT REQUIRED		N.A.

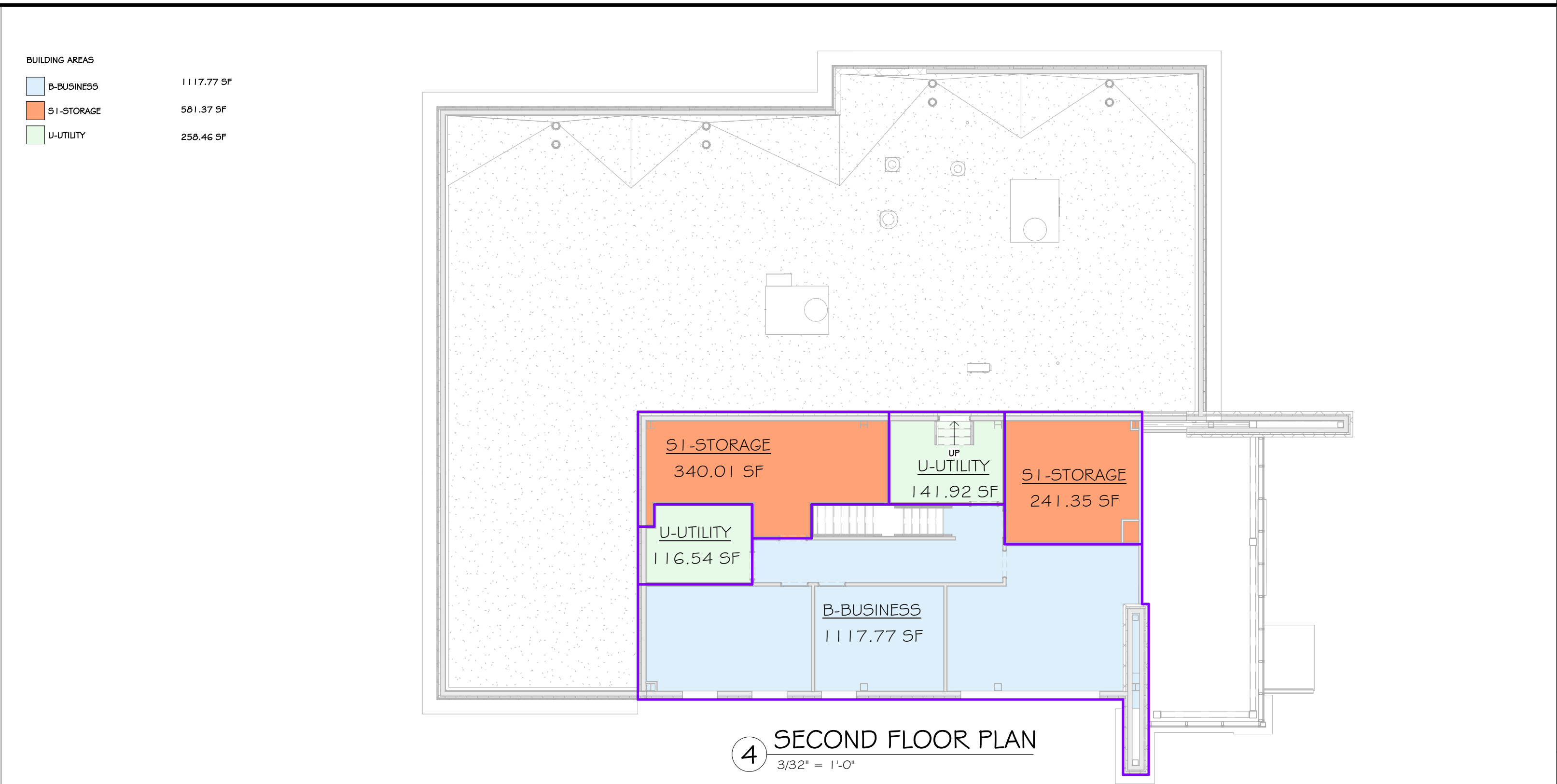
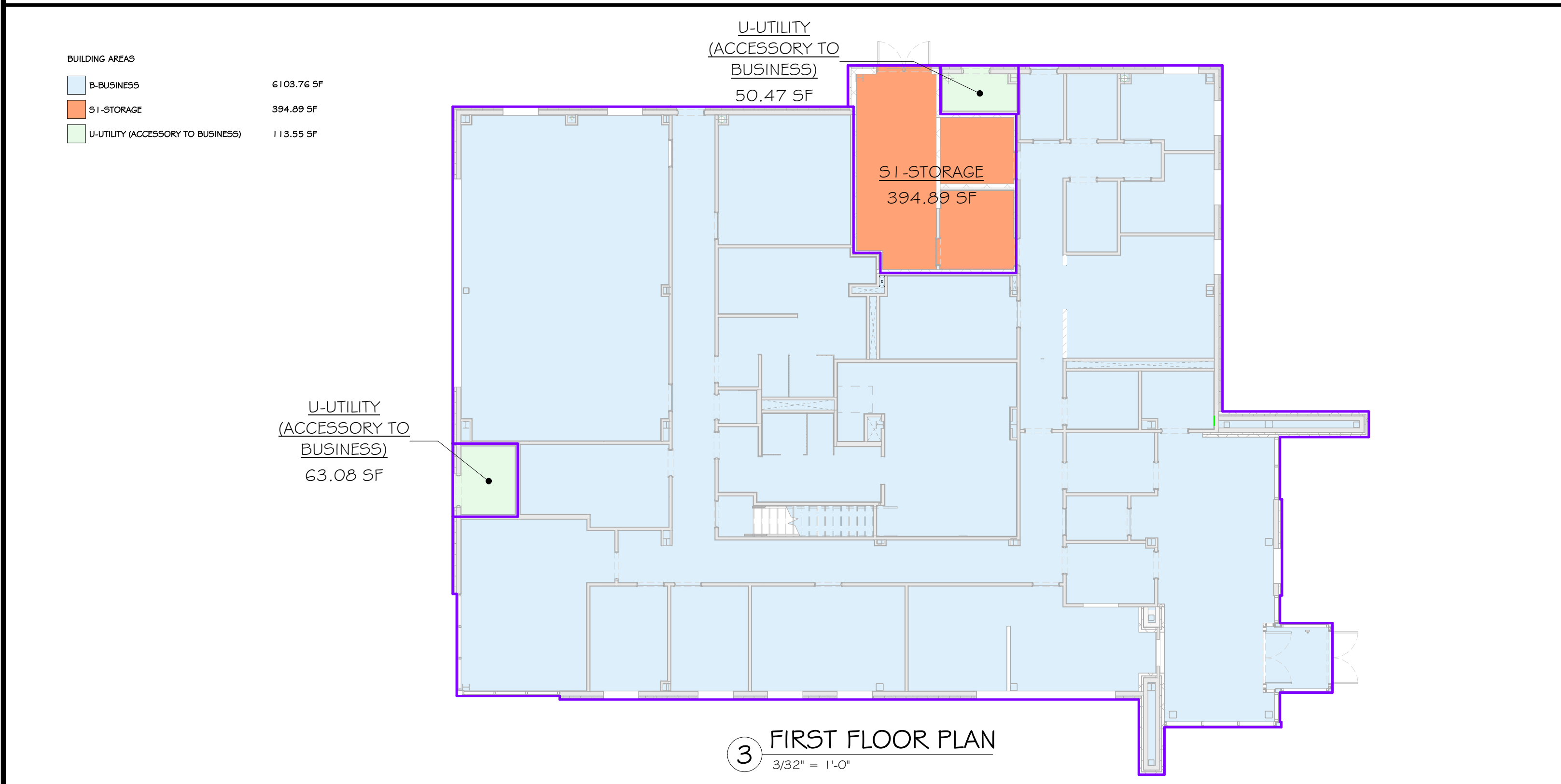
CHAPTER 10 - MEANS OF EGRESS									
SPACE/ AREA	CODE SECTION	CODE PROVISIONS/ REQUIREMENTS							
STORY	FUNCTION OF SPACE	AREA (SQ. FT.)	OLF/ SQ.FT. PER OCCUPANT (TABLE 1004.5)	DESIGN OCCUPANT LOAD	MINIMUM EGRESS WIDTH BASED ON OCCUPANT LOAD (1005.3)	MINIMUM EGRESS WIDTH BASED ON COMPONENT	MINIMUM # OF EXITS (TABLE 1006.3.1)	COMPLIANCE (PROVIDED)	
1ST FLOOR	LOBBY	188	15 NET	13	STARWAY: 0.3 X 13 = 3.9'; OTHER: 0.2 X 13 = 2.6'	34"	36"	36"	1
	BREAK ROOM	315	15 NET	21	STARWAY: 0.3 X 21 = 6.3'; OTHER: 0.2 X 21 = 4.2'	34"	36"	36"	1
	BUSINESS AREAS	2,591	150 GROSS	20	STARWAY: 0.3 X 20 = 6'; OTHER: 0.2 X 60 = 1.2'	34"	36"	36"	1
	EQUIPMENT	94	300 GROSS	1	STARWAY: 0.3 X 1 = 0.3'; OTHER: 0.2 X 1 = 0.2"	34"	36"	36"	1
	EVIDENCE STORAGE AND PROCESSING	381	300 GROSS	2	STARWAY: 0.3 X 2 = 0.6'; OTHER: 0.2 X 2 = 0.4"	34"	36"	36"	1
	GYM	236	50 GROSS	5	STARWAY: 0.3 X 5 = 1.5'; OTHER: 0.2 X 5 = 1.0"	34"	36"	36"	1
	LOCKER ROOM	829	50 GROSS	17	STARWAY: 0.3 X 17 = 5.1'; OTHER: 0.2 X 17 = 3.4"	34"	36"	36"	1
	PATROL	233	50 GROSS	5	STARWAY: 0.3 X 5 = 1.5'; OTHER: 0.2 X 5 = 1.0"	34"	36"	36"	1
	TRAINING	900	20 NET	45	STARWAY: 0.3 X 45 = 13.5'; OTHER: 0.2 X 45 = 9"	34"	36"	36"	1
	BUSINESS AREAS	598	150 GROSS	4	STARWAY: 0.3 X 4 = 1.2'; OTHER: 0.2 X 4 = 0.8"	34"	36"	36"	1
2ND FLOOR	CONFERENCE ROOM	324	15 NET	22	STARWAY: 0.3 X 22 = 6.6'; OTHER: 0.2 X 22 = 4.4"	34"	36"	36"	1
	EQUIPMENT	265	300 GROSS	1	STARWAY: 0.3 X 1 = 0.3'; OTHER: 0.2 X 1 = 0.2"	34"	36"	36"	1
	RECORDS/ STORAGE	564	300 GROSS	2	STARWAY: 0.3 X 2 = 0.6'; OTHER: 0.2 X 2 = 0.4"	34"	36"	36"	1
	DOORS								
EGRESS DOORS - TO EXTERIOR		1010.1.1	32" CLEAR WIDTH						
EGRESS DOORS - STAIRWAY		1010.1.1	32" CLEAR WIDTH						
EGRESS DOORS - EXIT DEVICES		1010.1.1	N.A.						
STAIRWAYS		1011.2	36" (SEE ABOVE)						
HEADROOM		1011.3	80" MINIMUM						
TREADS & RISERS		1011.5.2	7" MAX, 4" MIN. RISER						
LANDINGS		1011.6	17" MIN. TREAD						
ENCLOSURE UNDER STAIRWAYS		1011.7.3	1 HR						
VERTICAL RISE		1011.8	VERTICAL RISE < 12'-0"						
HANDRAILS		1011.11/1014.6	YES EACH SIDE 34", 38" HT.						
STAIRWAY TO ROOF		1011.12	LADDER/ HATCH						
RAMPS		1012.2	3:12						
VERTICAL RISE		1012.4	30"						
WIDTH		1012.5.1	36" MIN.						
CORRIDORS		SECTION: REQUIREMENT:							
CONSTRUCTION		TABLE 1020.1	1 HRS						
WIDTH		TABLE 1020.2	36"						
DEAD END		1020.4	20'						
MEANS OF EGRESS ILLUMINATION		1008	ALONG EXIT PATHS						
ILLUMINATED EXIT SIGNS		1013	@ EXITS & ALONG EXIT PATHS SO NO POINT IN CORRIDOR IS MORE THAN 100' FROM NEAREST SIGN						
GUARD RAILS - STAIRS, ETC.		1015.3	42" HT.						
OPENING LIMITATIONS		1012.10.1	2" MAX.						
COMMON PATH OF EGRESS TRAVEL			MAXIMUM ALLOWED:						
B/S-1 OCCUPANT LOAD < 50		TABLE 1006.2.1	100'						
B/S-1 OCCUPANT LOAD > 50		TABLE 1006.2.1	75'						
EXIT ACCESS TRAVEL DISTANCE		TABLE 1017.2	MAXIMUM ALLOWED:						
U		TABLE 1017.2	100'						
S-1		TABLE 1017.2	200'						
B		TABLE 1017.2	200'						
EXIT STAIR ENCLOSURE - FIRE RESISTANCE RATING		1707/1024.3	1 HR						
EXTERIOR EXIT STAIR-RAMP PROTECTION		1024.3	42" HT.						
EXIT STAIR TERMINATION		1028	50% MAX. PERMITTED TO EGRESS THROUGH AREAS ON THE LEVEL OF EXIT DISCHARGE						
AREA OF REFUGE/EXTERIOR AREA OF RESCUE		1009.6/1009.7/1009.9/1009.3.2/1009.4.2 (2)	NOT REQUIRED						
ACCESSIBLE MEANS OF EGRESS		1009.1/ TABLE 1006.2.1	2 REQUIRED FROM 1ST FLOOR						

CODE DESCRIPTION		CODE SECTION	CODE PROVISIONS/ REQUIREMENTS		COMPLIANCE (PROVIDED)
DOORS					
EGRESS DOORS - TO EXTERIOR		100.0.1.1	32"	CLEAR WIDTH	
	EGRESS DOORS - STAIRWAY	100.0.1.1	32"	CLEAR WIDTH	COMPLIES - SEE PLANS
	EGRESS DOORS - EXIT DEVICES	100.0.1.1	N/A		COMPLIES - SEE PLANS
STAIRWAYS					
WIDTH AND CAPACITY HEADROOM		100.1.2	36"	(SEE ABOVE)	COMPLIES - SEE PLAN
		100.1.3	80"	MINIMUM	COMPLIES
TREADS & RISERS		100.1.5.2	7" MAX. + MIN. RISER 11" MIN. TREAD		COMPLIES - SEE PLAN
LANDINGS		100.1.6	WIDTH OF STAIR X WIDTH OF STAIR		COMPLIES - SEE PLAN
ENCLOSURES UNDER STAIRWAYS		100.1.7.3	1 HR.		COMPLIES - SEE PLAN
VERTICAL RISE		100.1.8	VERTICAL RISE < 120"		COMPLIES - SEE PLAN
HANDRAILS		100.1.11.010.4.6	YES EACH SIDE 34"38" HT.		COMPLIES - SEE PLAN
STAIRWAY TO ROOF		100.1.12	LADDER/ HATCH		N/A
RAMPS					
SLOPE		100.2.2	1:12		N/A
	VERTICAL RISE	100.2.4	30"		N/A
WIDTH		100.2.5.1	36" MIN.		N/A
		SECTION:	REQUIREMENT:		
CORRIDORS	CONSTRUCTION	TABLE 1006.1	1 HR.		COMPLIES
	WIDTH	TABLE 1006.2	36"		COMPLIES
	DEAD ENDS	1006.4	20'		COMPLIES
	MEANS OF EGRESS ILLUMINATION	1008	ALONG EXIT PATHS		COMPLIES - SEE PLAN
BLANKETS OF EGRESS ILLUMINATION					
ELIMINATED EXIT SENS		100.2	@ EXITS & ALONG EXIT PATHS SO NO POINT IN CORRIDOR IS MORE THAN 100' FROM NEAREST SENS.		COMPLIES - SEE PLAN
GLAZED RAILS - STAIRS, ETC.		100.5.3	42" HT.		COMPLIES - SEE PLAN
OPENING LIMITATIONS		100.2.10.1	4" MAX.		COMPLIES - SEE PLAN
COMMON PATH OF EGRESS TRAVEL.			MAXIMUM ALLOWED.		
B-1-S: OCCUPANT LOAD <= 50		TABLE 1006.2.1	100'		COMPLIES - SEE PLAN
B-1-S: OCCUPANT LOAD > 50		TABLE 1006.2.1	75'		COMPLIES - SEE PLAN
EXIT ACCESS TRAVEL DISTANCE:			MAXIMUM ALLOWED.		
1-S		TABLE 1007.2	300'		COMPLIES - SEE PLAN
S-1		TABLE 1007.2	200'		COMPLIES - SEE PLAN
EXIT STAIR		TABLE 1007.2	200'		COMPLIES - SEE PLAN
EXIT STAIR ENCLOSURE - FIRE RESISTANCE RATING		1707 / 1024.5	1 HR.		N/A
EXTERIOR EXIT STAIR RAMP PROTECTION		1024.3	42" HT.		N/A
EXIT STAIR TERMINATION		1029	50% MAX. PERMITTED TO EGRESS THROUGH AREAS ON THE LEVEL OF EXIT DISCHARGE		N/A
AREA OF REFUGE EXTERIOR AREA OF RESCUE		1009.6 / 1009.7 / 1009.8 / 1009.25 / 20 / 1009.4.2 (2)	NOT REQUIRED		N/A
ACCESSIBLE MEANS OF EGRESS		1009.1 / TABLE 1006.2.1	2 REQUIRED FROM 1ST FLOOR		COMPLIES - SEE PLAN

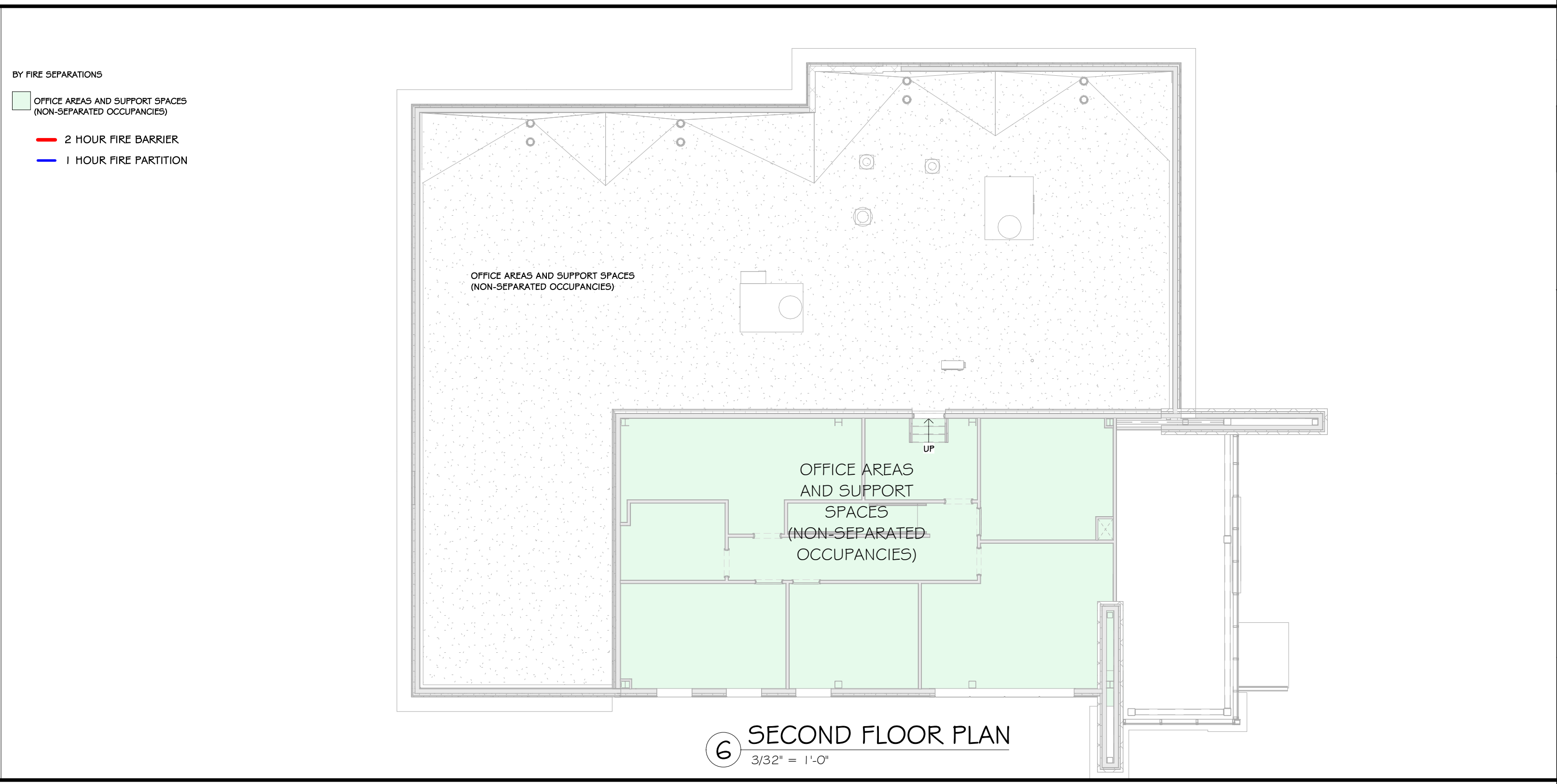
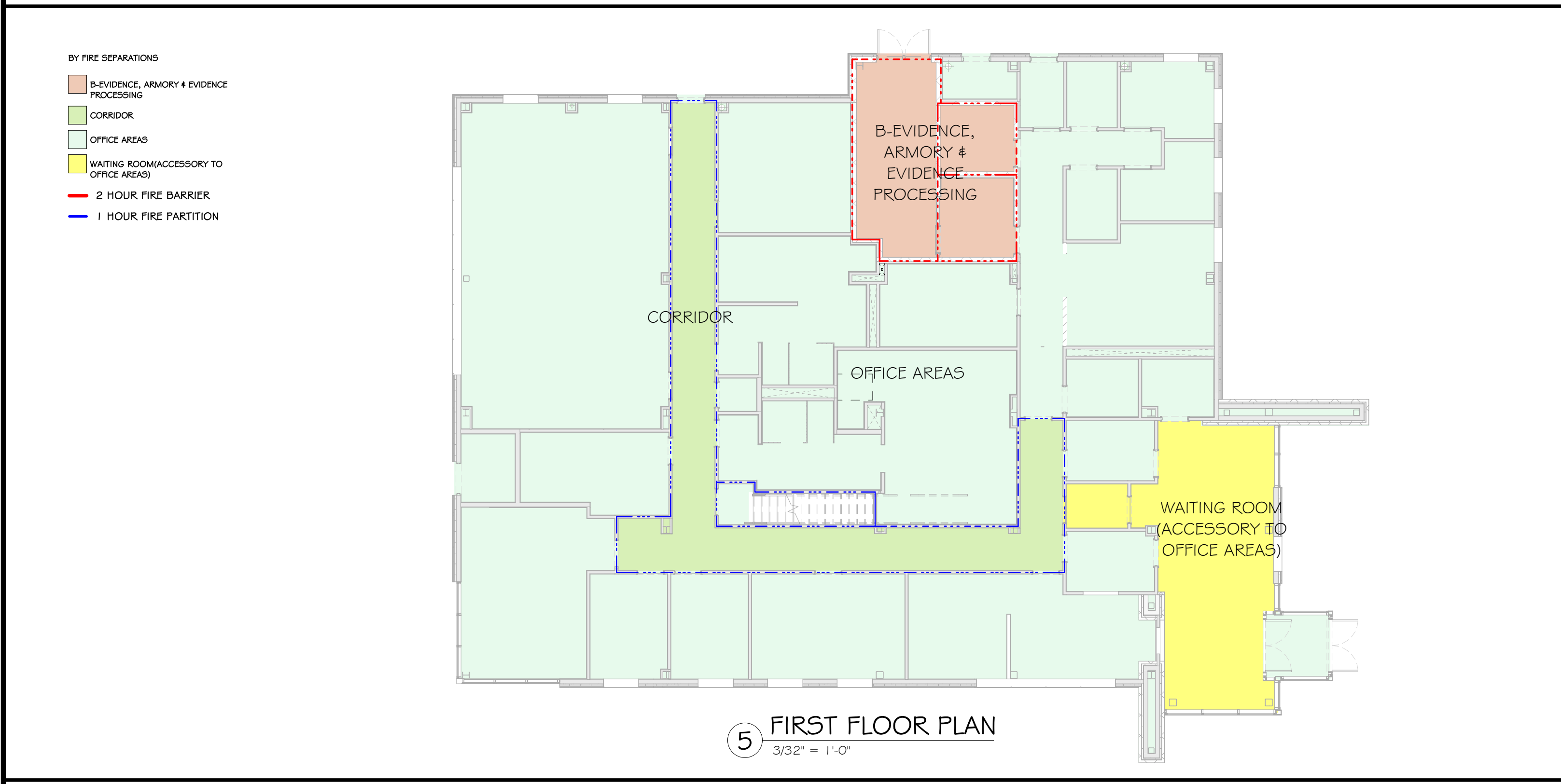




BUILDING DIAGRAMS BY FUNCTION OF SPACE/ OCCUPANT LOAD



BUILDING DIAGRAMS BY OCCUPANCY CLASSIFICATION GROUP



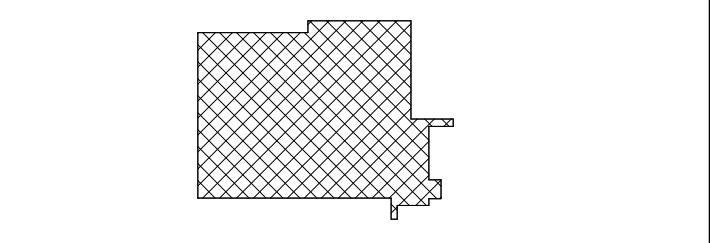
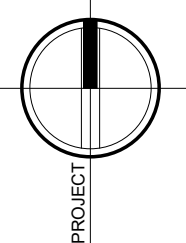
CONSTRUCTION NOTES

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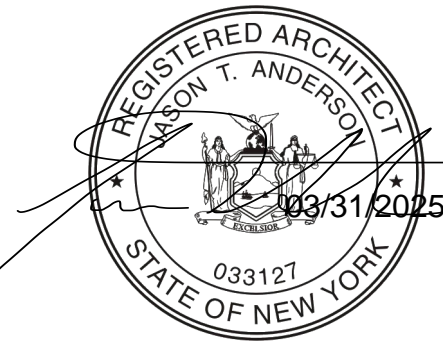
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Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: BUILDING DIAGRAMS



Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
A-004



CONSTRUCTION NOTES

- NOTE: THIS PLAN IS INTENDED TO BE PRINTED AND VIEWED IN COLOR. COLORED DASHED LINES INDICATE VARIOUS FIRE BARRIERS, FIRE WALLS, OR SMOKE BARRIERS, IF ANY. SEE LIFE SAFETY LEGEND. NOTE THAT FIRE RATINGS SHOWN ON LIFE SAFETY DRAWINGS ARE THE MINIMUM REQUIRED BY CODE; ACTUAL RATINGS FOR INDICATED WALL TYPES MAY EXCEED WHAT IS SHOWN ON LIFE SAFETY PLANS.
- LOCATION OF RACK BOX SHOWN ON DRAWING IS A RECOMMENDATION ONLY. GENERAL CONTRACTOR TO PURCHASE FROM AND INSTALL IN A LOCATION DETERMINED BY THE MFG. CONTACT AND TO DETERMINE IF AN ADDITIONAL BOX IS REQUIRED.
- SEE LIGHTING PLAN ON ELECTRICAL DWGS FOR EMERGENCY LIGHTING.
- SEE ELECTRICAL/FIRE ALARM DRAWINGS FOR SMOKE & HEAT DETECTORS, CARBON MONOXIDE DETECTORS, AND ALL FIRE ALARM DEVICE LOCATIONS. FIRE ALARM SYSTEM IS TO BE INTEGRATED INTO THE OVERALL BUILDING FIRE ALARM SYSTEM.
- IN FINISHED CEILING, ALL EXIT SIGNS TO BE RECESSED MOUNT, EDGE LIT, LED - SEE ELECTRICAL DRAWINGS.
- TRUSS SIGNAGE IS REQUIRED - SEE CODE SHEET FOR REQUIREMENTS AND LOCATIONS.
- SPECIAL INSPECTIONS REQUIRED - SEE STRUCTURAL DRAWINGS.
- SPRINKLER ROOM TO HAVE A DOOR MOUNTED SIGN WITH RED LETTERS: "SPRINKLER ROOM".
- ELECTRICAL ROOM TO HAVE A DOOR MOUNTED SIGN WITH RED LETTERS: "ELECTRIC ROOM".
- EXIT SIGN LOCATIONS INDICATED ON PLANS ARE APPROXIMATE. ONCE A FINAL EQUIPMENT RACKING/STORAGE/FURNITURE ROOM DIVISION PLAN IS AVAILABLE, EXIT PATHS WILL NEED TO BE REVIEWED BY ALL PARTIES AND FINAL EXIT SIGN LOCATIONS DETERMINED SO AS TO BE READILY VISIBLE FROM ALL LOCATIONS. MAX. 100'-0" SIGHT LINE TO AN EXIT SIGN.
- EXIT SIGNS SHALL BE READILY VISIBLE FROM ALL LOCATIONS. MAX. 100'-0" SIGHT LINE TO AN EXIT SIGN.
- EVERY EXIT WAY OR CHANGE OF DIRECTION IN AN EXIT ACCESS CORRIDOR SHALL BE MARKED WITH WELL-LIGHTED EXIT SIGNS COMPLYING WITH 2020 FCMS.
- EXIT PATHS MAY CHANGE BASED ON FINAL DETERMINATION OF STORAGE AREAS/HAZARDOUS MATERIALS (ROOM DIVIDERS). ADDITIONAL EXIT ACCESS PATHS WILL BE DETERMINED PRIOR TO A C.O. BEING ISSUED. ADDITIONAL PATHS MAY REQUIRE ADDITIONAL LIFE SAFETY COMPONENTS: EXIT SIGNS, EMERGENCY LIGHTING, FIRE ALARM DEVICES, ETC.) OR ADJUSTMENTS TO THE EXISTING/PROPOSED LIFE SAFETY COMPONENTS.
- ACCESSIBLE MEANS OF EGRESS SIGNAGE REQUIREMENTS:
  - EACH DOOR PROVIDING ACCESS TO AN EXTERIOR AREA FOR ASSISTED RESCUE SHALL BE IDENTIFIED BY A SIGN STATING: EXTERIOR AREA FOR ASSISTED RESCUE. SIGNAGE SHALL COMPLY WITH THE ICC A117.1 REQUIREMENTS FOR VISUAL CHARACTERS AND INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE SIGN SHALL BE ILLUMINATED. ADDITIONALLY, A SIGN STATING EXIT IN VISUAL CHARACTERS, RAISED CHARACTERS AND BRAILLE AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED.
  - IN EXTERIOR AREA FOR ASSISTED RESCUE, NOTIFICATIONS ON THE USE OF THE AREA UNDER EMERGENCY CONDITIONS SHALL BE POSTED. SIGNAGE SHALL COMPLY WITH THE ICC A117.1 REQUIREMENTS FOR VISUAL CHARACTERS. THE INSTRUCTIONS SHALL INCLUDE ALL OF THE FOLLOWING:
    1. PRECISELY ABLE TO USE THE EXIT STAIRWAY SO SO AS SOON AS POSSIBLE, UNLESS THEY ARE ASSISTING OTHERS.
    2. INFORMATION ON PLANNED AVAILABILITY OF ASSISTANCE IN THE USE OF STAIRS AND HOW TO SUMMON SUCH ASSISTANCE.
- SIGNAGE REQUIREMENTS FOR FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, SMOKE PARTITIONS, OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS:
  - PERMANENT SIGNS OR STENCILING SHALL BE LOCATED WITHIN ANY CONCEALED SPACES.
  - LOCATIONS: SIGNS SHALL BE LOCATED WITHIN 15 FEET (4572 MM) OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 50 FEET (15240 MM) MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.
  - LETTERING: SIGNS SHALL INCLUDE LETTERING NOT LESS THAN 3 INCHES (76 MM) IN HEIGHT WITH A MINIMUM 3/8-INCH (9.5 MM) STROKE IN RED, OR ANOTHER CONTRASTING COLOR IF RED WILL NOT CREATE A CONTRAST.
- SIGNS SHALL INCLUDE: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS".
- EXTERIOR ACCESS TO SHAWTWAYS:
  - OUTSIDE OPENINGS THAT CAN BE REACHED BY THE FIRE DEPARTMENT AND THAT OPEN DIRECTLY ON A HOISTWAY OR SHAWTWAY COMMUNICATING BETWEEN TWO OR MORE FLOORS IN A BUILDING SHALL BE PLAINLY MARKED WITH THE WORD SHAWTWAY IN RED LETTERS NOT LESS THAN 6 INCHES (152 MM) HIGH ON A WHITE BACKGROUND. SUCH WARNING SIGNS SHALL BE PLACED 50 AS TO BE READILY DISCERNIBLE FROM THE OUTSIDE OF THE BUILDING.
- INTERIOR ACCESS TO SHAWTWAYS:
  - DOOR OR WINDOW OPENINGS TO A HOISTWAY OR SHAWTWAY FROM THE INTERIOR OF THE BUILDING SHALL BE PLAINLY MARKED WITH THE WORD SHAWTWAY IN RED LETTERS NOT LESS THAN 6 INCHES (152 MM) HIGH ON A WHITE BACKGROUND. SUCH WARNING SIGNS SHALL BE PLACED 50 AS TO BE READILY DISCERNIBLE FROM THE INTERIOR OF THE BUILDING.
  - DOOR OR WINDOW OPENINGS TO A HOISTWAY OR SHAWTWAY FROM THE INTERIOR OF THE BUILDING SHALL BE PLAINLY MARKED WITH THE WORD SHAWTWAY IN RED LETTERS NOT LESS THAN 6 INCHES (152 MM) HIGH ON A WHITE BACKGROUND. SUCH WARNING SIGNS SHALL BE PLACED 50 AS TO BE READILY DISCERNIBLE FROM THE INTERIOR OF THE BUILDING.
- A METAL SIGN WITH RAISED LETTERS NOT LESS THAN 1 INCH (25 MM) IN SIZE SHALL BE MOUNTED ON ALL FIRE DEPARTMENT CONNECTIONS SERVING AUTOMATIC SPRINKLERS, STAIRWELLS OR FIRE MAP CONNECTIONS. SUCH SIGNS SHALL READ: AUTOMATIC SPRINKLER OR STAIRWELL OR TEST CONNECTION OR A COMBINATION THEREOF AS APPLICABLE. WHERE THE FIRE DEPARTMENT CONNECTION DOES NOT SERVE THE ENTIRE BUILDING, A SIGN SHALL BE PROVIDED INDICATING THE PORTIONS OF THE BUILDING SERVED.
- REFER TO INTERIOR SIGNAGE SHEETS FOR ADDITIONAL SIGNAGE RELATED INFORMATION.

MAX. TRAVEL DISTANCE SCHEDULE (FIRST FLOOR)

PATH	MAX. TRAVEL DISTANCE
FROM '1A' TO EXIT 2 MAX. TRAVEL DISTANCE	33' - 6"
FROM '1B' TO EXIT 2 MAX. TRAVEL DISTANCE	47' - 0"
FROM '1C' TO EXIT 1 MAX. TRAVEL DISTANCE	46' - 0"
FROM '1D' TO EXIT 2 MAX. TRAVEL DISTANCE	48' - 7"
FROM '1E' TO EXIT 2 MAX. TRAVEL DISTANCE	42' - 3"
FROM '1F' TO EXIT 3 MAX. TRAVEL DISTANCE	20' - 6"
FROM '1G' TO EXIT 3 MAX. TRAVEL DISTANCE	60' - 1"
FROM '1H' TO EXIT 1 MAX. TRAVEL DISTANCE	77' - 7"
FROM '1I' TO EXIT 1 MAX. TRAVEL DISTANCE	66' - 5"
FROM '1J' TO EXIT 3 MAX. TRAVEL DISTANCE	77' - 7"
FROM '1K' TO EXIT 3 MAX. TRAVEL DISTANCE	65' - 2"
FROM '1L' TO EXIT 3 MAX. TRAVEL DISTANCE	68' - 4"
FROM '1M' TO EXIT 3 MAX. TRAVEL DISTANCE	77' - 7"
FROM '1N' TO EXIT 3 MAX. TRAVEL DISTANCE	64' - 0"
FROM '1O' TO EXIT 3 MAX. TRAVEL DISTANCE	55' - 8"
FROM '1P' TO EXIT 3 MAX. TRAVEL DISTANCE	46' - 0"

LIFE SAFETY LEGEND

FIRE EXTINGUISHER	EXIT SIGN
RECESSED FIRE EXTINGUISHER	DIRECTIONAL EXIT SIGN
EXIT SIGN WITH EMERGENCY LIGHTS	DIRECTIONAL EXIT SIGN
PATH OF EGRESS	2 HOUR RATED FIRE BARRIER
FIRE EXTINGUISHER	1 HOUR RATED FIRE PARTITION
TRUSS SIGNAGE	FLUSH EMERGENCY LIGHT
KNOX BOX LOCATION IF REQUIRED BY MUNICIPALITY	
ACCESSIBLE MEANS OF EGRESS DOOR	

REVISIONS:

NUM.	DATE	DESCRIPTION

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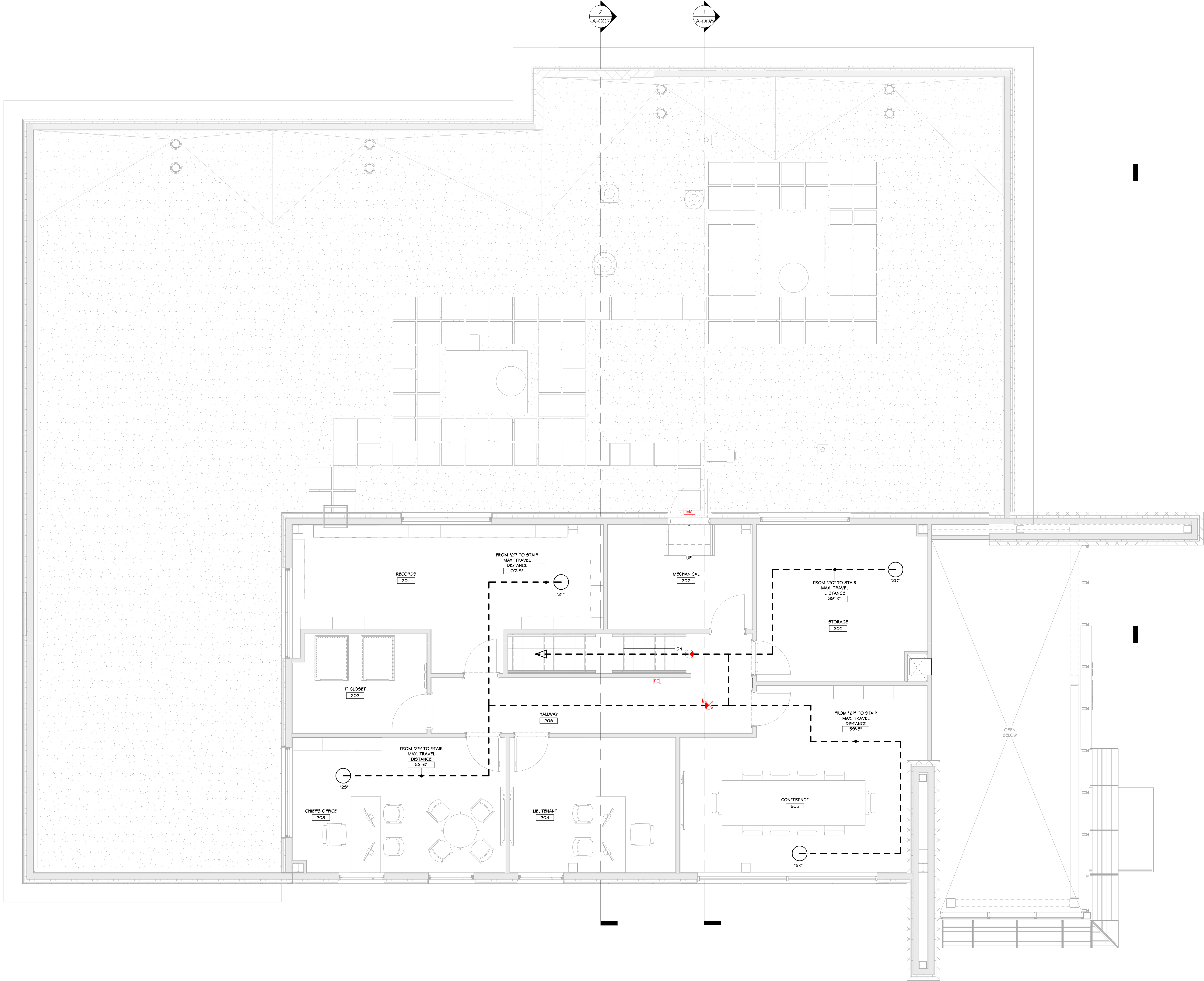
Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: FIRST FLOOR LIFE SAFETY PLAN

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

**A-005**





1 SECOND FLOOR LIFE SAFETY PLAN  
1/4" = 1'-0"

## CONSTRUCTION NOTES

- NOTE: THIS PLAN IS INTENDED TO BE PRINTED AND VIEWED IN COLOR. COLORED DASHED LINES INDICATE VARIOUS FIRE BARRIERS, FIRE WALLS, OR SMOKE BARRIERS, IF ANY. SEE LIFE SAFETY LEGEND. NOTE THAT FIRE RATINGS SHOWN ON LIFE SAFETY DRAWINGS ARE THE MINIMUM REQUIRED BY CODE. ACTUAL RATINGS FOR INDICATED WALL TYPES MAY EXCEED WHAT IS SHOWN ON LIFE SAFETY PLANS.
- LOCATION OF KNOX BOX SHOWN ON DRAWINGS IS A RECOMMENDATION ONLY. GENERAL CONTRACTOR TO PURCHASE FROM AHJ AND INSTALL IN A LOCATION DETERMINED BY THE AHJ. CONTACT AHJ TO DETERMINE IF AN ADDITIONAL BOX IS REQUIRED.
- SEE LIGHTING PLAN ON ELECTRICAL DWGS FOR EMERGENCY LIGHTING.
- SEE ELECTRICAL/FIRE ALARM DRAWINGS FOR SMOKE & HEAT DETECTORS, CARBON MONOXIDE DETECTORS, AND ALL FIRE ALARM DEVICE LOCATIONS. FIRE ALARM SYSTEM IS TO BE INTEGRATED INTO THE OVERALL BUILDING FIRE ALARM SYSTEM.
- IN FINISHED CEILINGS, ALL EXIT SIGNS TO BE RECESSED MOUNT, EDGE LIT, LED - SEE ELECTRICAL DRAWINGS.
- TRUSS SIGNAGE IS REQUIRED - SEE CODE SHEET FOR REQUIREMENTS AND LOCATIONS.
- SPECIAL INSPECTIONS REQUIRED - SEE STRUCTURAL DRAWINGS.
- SPRINKLER ROOM TO HAVE A DOOR MOUNTED SIGN WITH RED LETTERS: "SPRINKLER ROOM"
- ELECTRICAL ROOM TO HAVE A DOOR MOUNTED SIGN WITH RED LETTERS: "ELECTRIC ROOM"
- EXIT SIGN LOCATIONS INDICATED ON PLANS ARE APPROXIMATE. ONCE A FINAL EQUIPMENT/FRACING/STORAGE/FURNITURE/ROOM DIVISIONING PLAN IS AVAILABLE, EXIT PATHS WILL NEED TO BE REVIEWED BY ALL PARTIES AND FINAL EXIT SIGN LOCATIONS DETERMINED SO AS TO BE READILY VISIBLE FROM ALL LOCATIONS. MAX. 100'-0" SIGHT LINE TO AN EXIT SIGN.
- EXIT SIGNS SHALL BE READILY VISIBLE FROM ALL LOCATIONS, MAX. 100'-0" SIGHT LINE TO AN EXIT SIGN.
- EVERY EXIT WAY OR CHANGE OF DIRECTION IN AN EXIT ACCESS CORRIDOR SHALL BE MARKED WITH WELL-LIGHTED EXIT SIGNS COMPLYING WITH 2020 FCBD.
- EXIT PATHS MAY CHANGE BASED ON FINAL DETERMINATION OF STORAGE AREAS/ABLES/FURNITURE/ROOM DIVIDERS. ADDITIONAL EXIT ACCESS PATHS WILL BE DETERMINED PRIOR TO A C.O. BEING ISSUED. ADDITIONAL PATHS MAY REQUIRE ADDITIONAL LIFE SAFETY COMPONENTS (EXIT SIGNS, EMERGENCY LIGHTING, FIRE ALARM DEVICES, ETC.) OR ADJUSTMENTS TO THE EXISTING/PROPOSED LIFE SAFETY COMPONENTS.
- ACCESSIBLE MEANS OF EGRESS SIGNAGE REQUIREMENTS:
  - EACH DOOR PROVIDING ACCESS TO AN EXTERIOR AREA FOR ASSISTED RESCUE SHALL BE IDENTIFIED BY A SIGN STATING: EXTERIOR AREA FOR ASSISTED RESCUE. SIGNAGE SHALL COMPLY WITH THE ICC A117.1 REQUIREMENTS FOR VISUAL CHARACTERS AND INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE SIGN SHALL BE ILLUMINATED. ADDITIONALLY, A SIGN STATING "EXIT" IN VISUAL CHARACTERS, RAISED CHARACTERS AND BRAILLE AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED.
  - IN EXTERIOR AREAS FOR ASSISTED RESCUE, INSTRUCTIONS ON THE USE OF THE AREA UNDER EMERGENCY CONDITIONS SHALL BE POSTED. SIGNAGE SHALL COMPLY WITH THE ICC A117.1 REQUIREMENTS FOR VISUAL CHARACTERS. THE INSTRUCTIONS SHALL INCLUDE ALL OF THE FOLLOWING:
    - PERSONS ABLE TO USE THE EXIT STAIRWAY DO SO AS SOON AS POSSIBLE, UNLESS THEY ARE ASSISTING OTHERS.
    - INFORMATION ON PLANNED AVAILABILITY OF ASSISTANCE IN THE USE OF STAIRS AND HOW TO SUMMON SUCH ASSISTANCE.
- SIGNAGE REQUIREMENTS FOR FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, SMOKE PARTITIONS, OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS:
  - PERMANENT SIGNS OR STENCILING SHALL BE LOCATED WITHIN ANY CONCEALED SPACES.
  - LOCATIONS: SIGNS SHALL BE LOCATED WITHIN 15 FEET (4572 MM) OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 50 FEET (15.24 MM) MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.
  - LETTERING: SIGN SHALL INCLUDE LETTERING NOT LESS THAN 3 INCHES (76 MM) IN HEIGHT WITH A MINIMUM 5/8-INCH (15.87 MM) STROKE IN RED, OR ANOTHER CONTRASTING COLOR IF RED WILL NOT CREATE A CONTRAST.
- SIGNAGE SHALL INCLUDE: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS"
- EXTERIOR ACCESS TO SHAFTWAYS:
  - OUTSIDE OPENINGS THAT CAN BE REACHED BY THE FIRE DEPARTMENT AND THAT OPEN DIRECTLY ON A HOSTWAY OR SHAFTWAY COMMUNICATING BETWEEN TWO OR MORE FLOORS IN A BUILDING SHALL BE PLAINLY MARKED WITH THE WORDS "SHAFTWAY" IN RED LETTERS NOT LESS THAN 6 INCHES (152.4 MM) HIGH ON A WHITE BACKGROUND. SUCH WARNING SIGNS SHALL BE PLACED SO AS TO BE READILY DISCERNIBLE FROM THE OUTSIDE OF THE BUILDING.
- INTERIOR ACCESS TO SHAFTWAYS:
  - DOOR OR WINDOW OPENINGS TO A HOSTWAY OR SHAFTWAY FROM THE INTERIOR OF THE BUILDING SHALL BE PLAINLY MARKED WITH THE WORDS "SHAFTWAY" IN RED LETTERS NOT LESS THAN 6 INCHES (152.4 MM) HIGH ON A WHITE BACKGROUND. SUCH WARNING SIGNS SHALL BE PLACED SO AS TO BE READILY DISCERNIBLE. EXCEPTION: MARKING SHALL NOT BE REQUIRED ON SHAFTWAY OPENINGS THAT ARE READILY DISCERNIBLE AS OPENINGS ONTO A SHAFTWAY BY THE CONSTRUCTION OR ARRANGEMENT.
- A METAL SIGN WITH RAISED LETTERS NOT LESS THAN 1 INCH (25.4 MM) IN SIZE SHALL BE MOUNTED ON ALL FIRE DEPARTMENT CONNECTIONS SERVING AUTOMATIC SPRINKLERS, STANDPIPES OR FIRE PLUMP CONNECTIONS. SUCH SIGNS SHALL READ: AUTOMATIC SPRINKLERS OR STANDPIPE OR TEST CONNECTION OR A COMBINATION THEREOF AS APPLICABLE. WHERE THE FIRE DEPARTMENT CONNECTION DOES NOT SERVE THE ENTIRE BUILDING, A SIGN SHALL BE PROVIDED INDICATING THE PORTIONS OF THE BUILDING SERVED.
- REFER TO INTERIOR SIGNAGE SHEETS FOR ADDITIONAL SIGNAGE RELATED INFORMATION.

## MAX. TRAVEL DISTANCE SCHEDULE ( SECOND FLOOR)

PATH	MAX. TRAVEL DISTANCE
FROM 120' TO STAIR MAX. TRAVEL DISTANCE	39' - 0"
FROM 121' TO STAIR MAX. TRAVEL DISTANCE	59' - 0"
FROM 122' TO STAIR MAX. TRAVEL DISTANCE	62' - 0"
FROM 123' TO STAIR MAX. TRAVEL DISTANCE	60' - 0"

## LIFE SAFETY LEGEND

	FIRE EXTINGUISHER		EXIT SIGN
	RECESSED FIRE EXTINGUISHER		DIRECTIONAL EXIT SIGN
	EXIT SIGN WITH EMERGENCY LIGHTS		DIRECTIONAL EXIT SIGN
	PATH OF EGRESS		2 HOUR RATED FIRE BARRIER
	FIRE EXTINGUISHER		1 HOUR RATED FIRE BARRIER
	TRUSS SIGNAGE		FLUSH EMERGENCY LIGHT
	KNOX BOX LOCATION IF REQUIRED BY MUNICIPALITY		
	ACCESSIBLE MEANS OF EGRESS DOOR		

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS

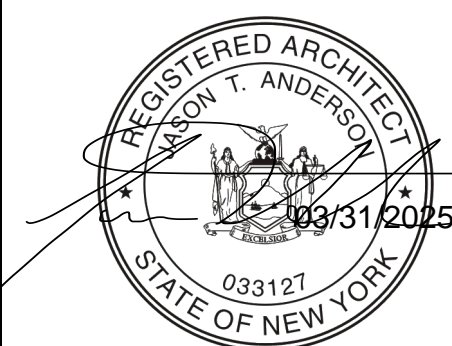
KEY PLAN

WORK AREA

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106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: SECOND FLOOR LIFE SAFETY PLAN



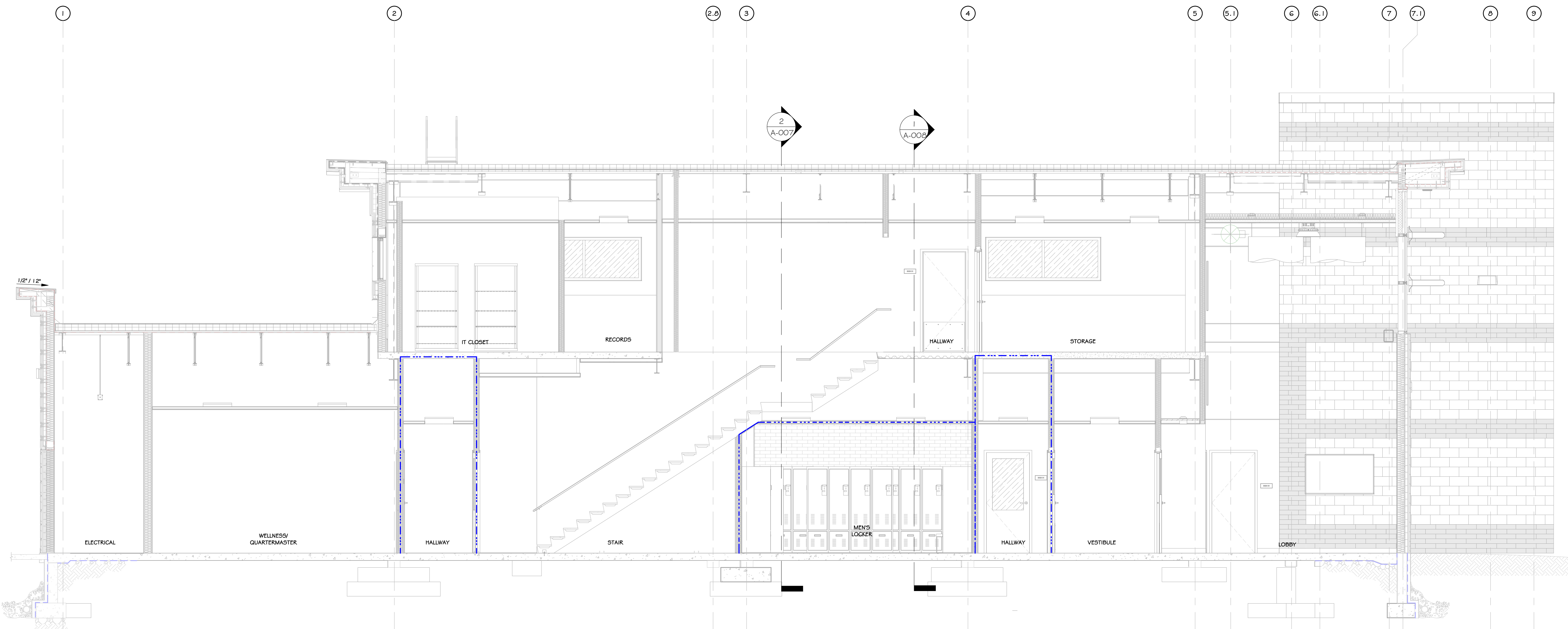
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Drawn: IDEA Scale: AS NOTED

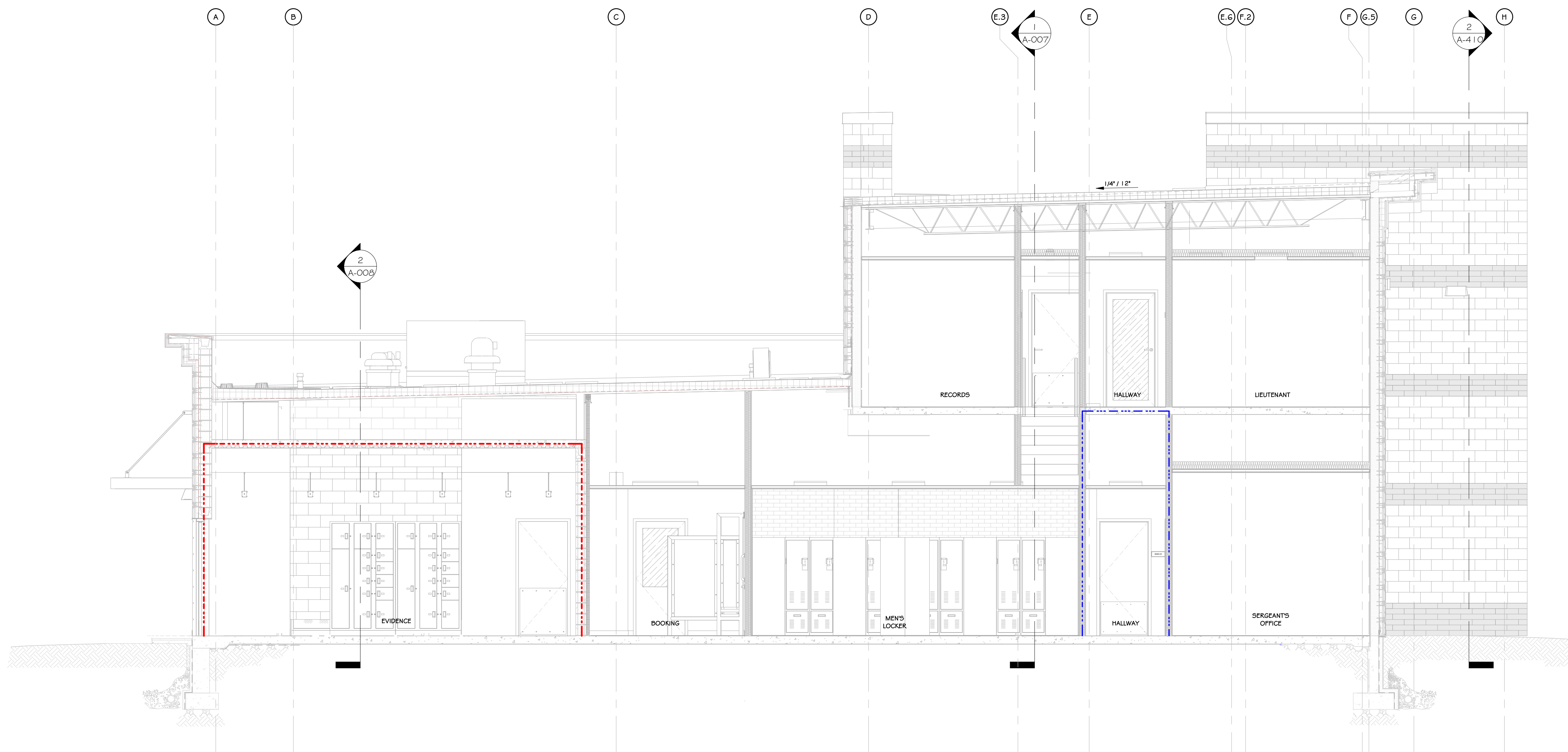
Drawing Number:

A-006





1 LIFE SAFETY CROSS SECTION I  
1/4" = 1'-0"



2 LIFE SAFETY LONGITUDINAL SECTION I  
1/4" = 1'-0"

## CONSTRUCTION NOTES

- NOTE: THIS PLAN IS INTENDED TO BE PRINTED AND VIEWED IN COLOR. COLORED DASHED LINES INDICATE VARIOUS FIRE BARRIERS, FIREWALLS, OR SMOKE BARRIERS. IF ANY, SEE LIFE SAFETY LEGEND.
- LOCATION OF KNOS BOX SHOWN ON DRAWING IS A RECOMMENDATION ONLY. GENERAL CONTRACTOR TO PURCHASE FROM AUL AND INSTALL IN A LOCATION DETERMINED BY THE AUL CONTRACT AUL TO DETERMINE IF AN ADDITIONAL BOX IS REQUIRED.
- SEE LIGHTING PLAN ON ELECTRICAL DWGS FOR EMERGENCY LIGHTING.
- SEE ELECTRICAL/FIRE ALARM DRAWINGS FOR SMOKE & HEAT DETECTORS, CARBON MONOXIDE DETECTORS, AND ALL FIRE ALARM DEVICE LOCATIONS. FIRE ALARM SYSTEM IS TO BE INTEGRATED INTO THE OVERALL BUILDING FIRE ALARM SYSTEM.
- ALL EXIT SIGNS TO BE RECESSED MOUNT, EDGE LIT, LED - SEE ELECTRICAL DRAWINGS.
- TRUSS SIGNAGE IS REQUIRED - SEE CODE SHEET FOR REQUIREMENTS AND LOCATIONS.
- SPECIAL INSPECTIONS REQUIRED - SEE STRUCTURAL DRAWINGS.
- 2 HR. SEPARATION WALL SURROUNDING GUN & AMMO STORAGE AND EVIDENCE LOCKER.
- 1 HR. RATED CEILING BELOW STAIR RAIL, WHERE THERE ARE ENCLOSED SPACES. SEE SECTIONS, REFLECTED CEILING PLAN, AND FIRE RATED DETAILS.
- 1 HR. RATED WALL AND CEILING ASSEMBLIES BELOW STAIRS. SEE SECTIONS, REFLECTED CEILING PLAN AND FIRE RATED DETAILS.
- ELECTRICAL ROOM TO HAVE A DOOR MOUNTED SIGN WITH RED LETTERS, "ELECTRIC ROOM".
- EXIT SIGNS ARE APPROXIMATE. ONCE A FINAL EQUIPMENT TRACKING/STORAGE/FURNITURE/ROOM DIVIDING PLAN IS AVAILABLE, EXIT PATHS WILL NEED TO BE REVIEWED BY ALL PARTIES AND FINAL EXIT SIGN LOCATIONS DETERMINED SO AS TO BE READILY VISIBLE FROM ALL LOCATIONS. MAX. 100'-0" SIGHT LINE TO AN EXIT SIGN.
- EVERY EXIT WAY OR CHANGE OF DIRECTION IN AN EXIT CORRIDOR SHALL BE MARKED WITH WELL-LIGHTED EXIT SIGNS HAVING LETTERS OF AT LEAST 5 INCHES IN HEIGHT.
- EXIT PATHS MAY CHANGE BASED ON FINAL DETERMINATION OF STORAGE AREAS/CHAISEL/FURNITURE/ROOM DIVIDERS. ADDITIONAL EXIT ACCESS PATHS WILL BE DETERMINED PRIOR TO A C.O. BEING ISSUED. ADDITIONAL PATHS MAY REQUIRE ADDITIONAL LIFE SAFETY COMPONENTS (EXIT SIGNS, EMERGENCY LIGHTING, FIRE ALARM DEVICES, ETC.) OR ADJUSTMENTS TO THE EXISTING PROPOSED LIFE SAFETY COMPONENTS.
- SIGNAGE REQUIREMENTS FOR FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, SMOKE PARTITIONS, OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS.
  - PERMANENT SIGNS OR STENCILING SHALL BE LOCATED WITHIN ANY CONCEALED SPACES.
  - LOCATIONS: SIGNS SHALL BE LOCATED WITHIN 15 FEET (4575 MM) OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET (9144 MM) MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.
  - LETTERING: SIGN SHALL INCLUDE LETTERING NOT LESS THAN 5 INCHES (126 MM) IN HEIGHT WITH A MINIMUM 5/8-INCH (15 MM) STROKE IN RED, OR ANOTHER CONTRASTING COLOR THAT WILL NOT CREATE A CONTRAST.
  - SIGNS SHALL INCLUDE: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS"
- 1 HR. RATED WALL AND CEILING ASSEMBLIES IN CORRIDORS AS SHOWN ON THE PLAN. SEE LIFE SAFETY PLANS, SECTIONS, AND FIRE RATED DETAIL.

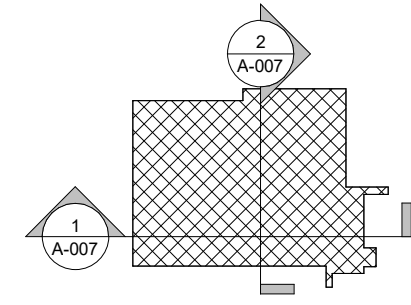
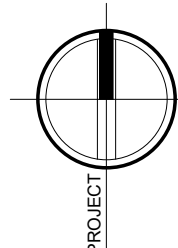
## LIFE SAFETY LEGEND

- 2 HOUR FIRE BARRIER  
--- 1 HOUR FIRE BARRIER

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS



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Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: LIFE SAFETY SECTION



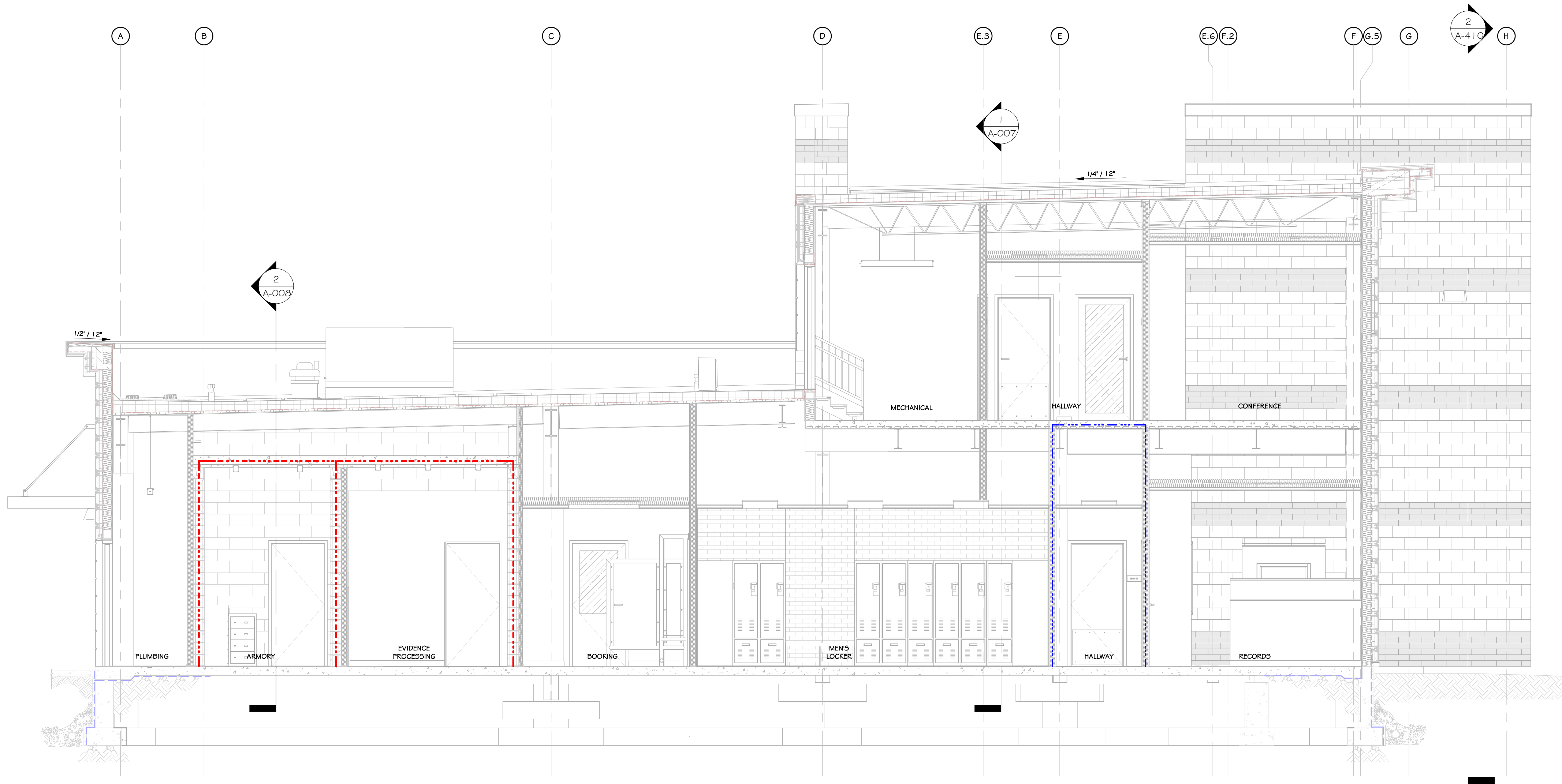
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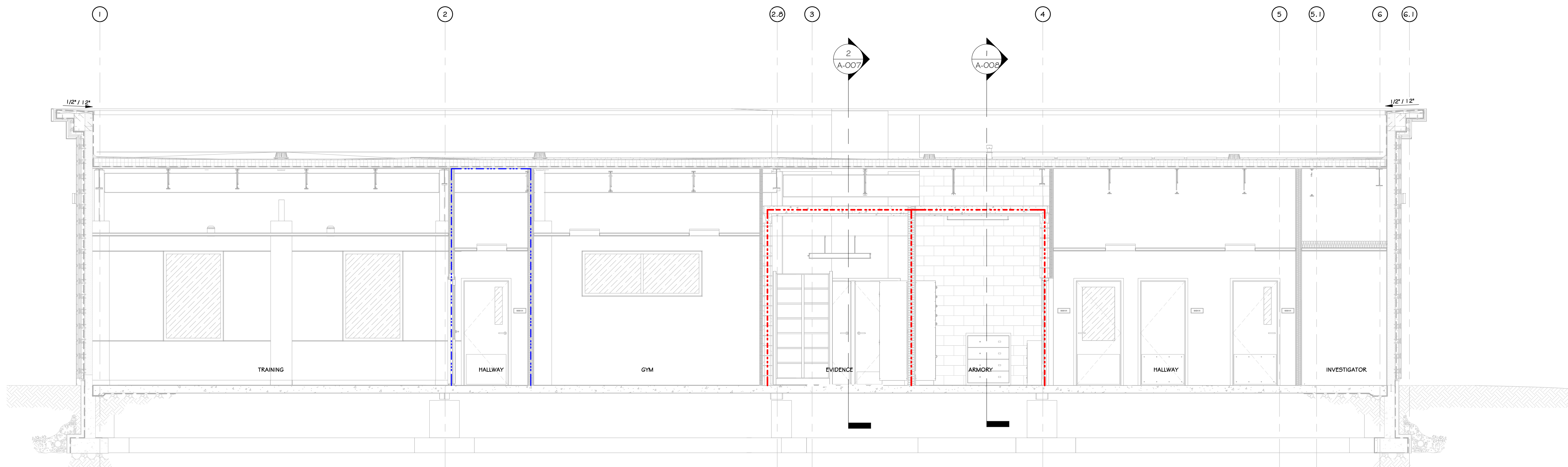
Drawing Number:

A-007





1 LIFE SAFETY CROSS SECTION 2  
1/4" = 1'-0"



2 LIFE SAFETY LONGITUDINAL SECTION 2  
1/4" = 1'-0"

## CONSTRUCTION NOTES

- NOTE: THIS PLAN IS INTENDED TO BE PRINTED AND VIEWED IN COLOR. COLORED DASHED LINES INDICATE VARIOUS FIRE BARRIERS, FIREWALLS, OR SMOKE BARRIERS. IF ANY, SEE LIFE SAFETY LEGEND.
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- SEE LIGHTING PLAN ON ELECTRICAL DWGS FOR EMERGENCY LIGHTING.
- SEE ELECTRICAL/FIRE ALARM DRAWINGS FOR SMOKE & HEAT DETECTORS, CARBON MONOXIDE DETECTORS, AND ALL FIRE ALARM DEVICE LOCATIONS. FIRE ALARM SYSTEM IS TO BE INTEGRATED INTO THE OVERALL BUILDING FIRE ALARM SYSTEM.
- ALL EXIT SIGNS TO BE RECESSED MOUNT, EDGE LIT, LED - SEE ELECTRICAL DRAWINGS.
- TRUSS SIGNAGE IS REQUIRED - SEE CODE SHEET FOR REQUIREMENTS AND LOCATIONS.
- SPECIAL INSPECTIONS REQUIRED - SEE STRUCTURAL DRAWINGS.
- 2 HR. SEPARATION WALL SURROUNDING GUN & AMMO STORAGE AND EVIDENCE LOCKER.
- 1 HR. RATED CEILING BELOW STAIR RIAL WHERE THERE ARE ENCLOSED SPACES. SEE SECTIONS, REFLECTED CEILING PLAN, AND FIRE RATED DETAILS.
- 1 HR. RATED WALL AND CEILING ASSEMBLIES BELOW STAIRS. SEE SECTIONS, REFLECTED CEILING PLAN AND FIRE RATED DETAILS.
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- EXIT PATHS MAY CHANGE BASED ON FINAL DETERMINATION OF STORAGE AREAS/CHAIR/FURNITURE/ROOM DIVIDERS. ADDITIONAL EXIT ACCESS PATHS WILL BE DETERMINED PRIOR TO A.C.O. BEING ISSUED. ADDITIONAL PATHS MAY REQUIRE ADDITIONAL LIFE SAFETY COMPONENTS (EXIT SIGNS, EMERGENCY LIGHTING, FIRE ALARM DEVICES, ETC.) OR ADJUSTMENTS TO THE EXISTING/PROPOSED LIFE SAFETY COMPONENTS.
- SIGNAGE REQUIREMENTS FOR FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, SMOKE PARTITIONS, OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS:
  - PERMANENT SIGNS OR STENCILING SHALL BE LOCATED WITHIN ANY CONCEALED SPACES.
  - LOCATIONS: SIGNS SHALL BE LOCATED WITHIN 15 FEET (4572 MM) OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET (9144 MM) MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.
  - LETTERING: SIGN SHALL INCLUDE LETTERING NOT LESS THAN 5 INCHES (126 MM) IN HEIGHT WITH A MINIMUM 5/8-INCH (15 MM) STROKE IN RED, OR ANOTHER CONTRASTING COLOR THAT WILL NOT CREATE A CONTRAST.
  - SIGNS SHALL INCLUDE: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS"
- 1 HR. RATED WALL AND CEILING ASSEMBLIES IN CORRIDORS AS SHOWN ON THE PLAN. SEE LIFE SAFETY PLANS, SECTIONS, AND FIRE RATED DETAIL.

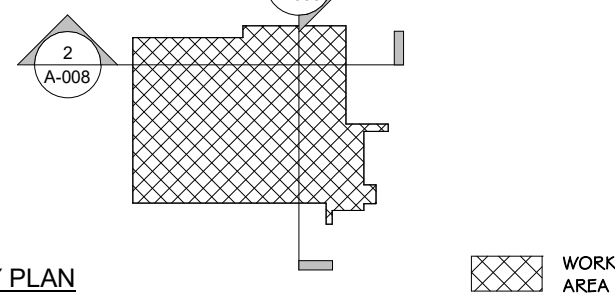
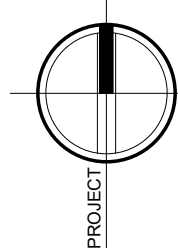
## LIFE SAFETY LEGEND

- 2 HOUR FIRE BARRIER  
--- 1 HOUR FIRE BARRIER

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS



KEY PLAN



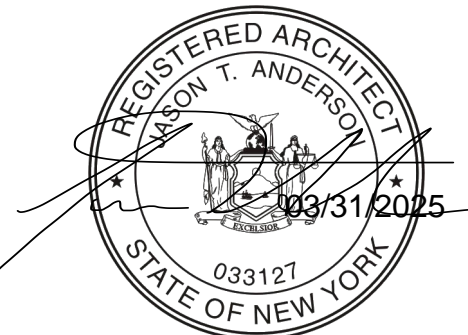
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Drawing: LIFE SAFETY SECTION



Project: 23138 Date: 02/24/25

Drawn: IDEA Scale: AS NOTED

Drawing Number:

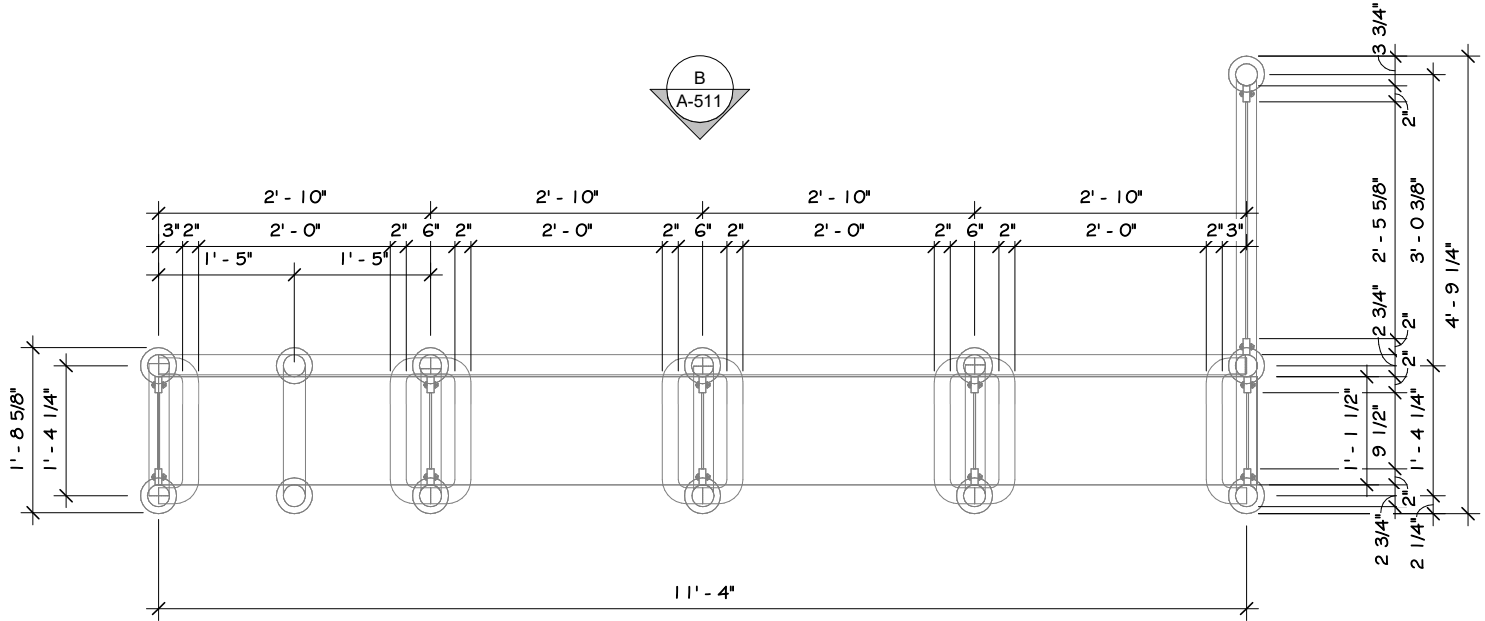
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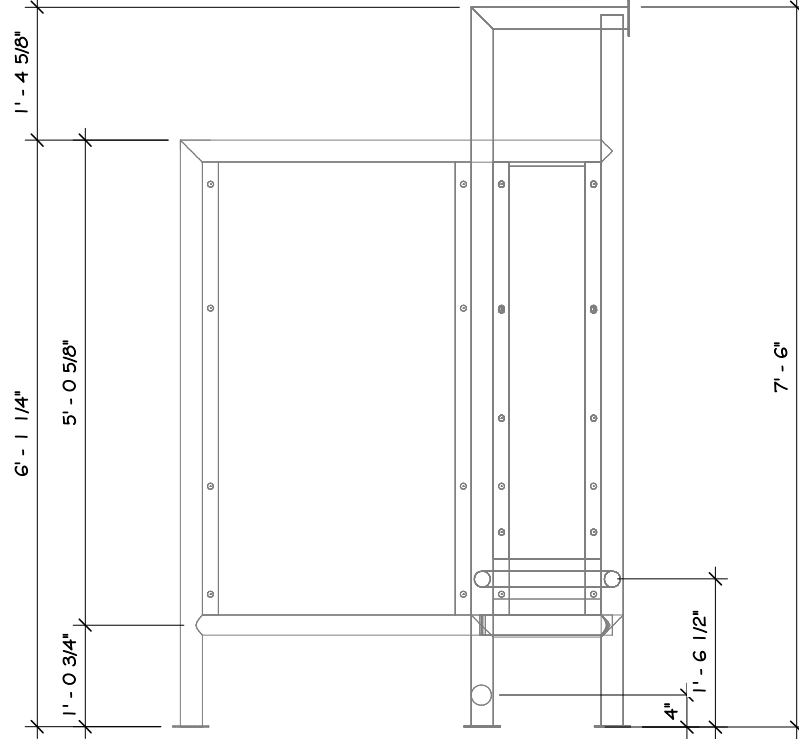




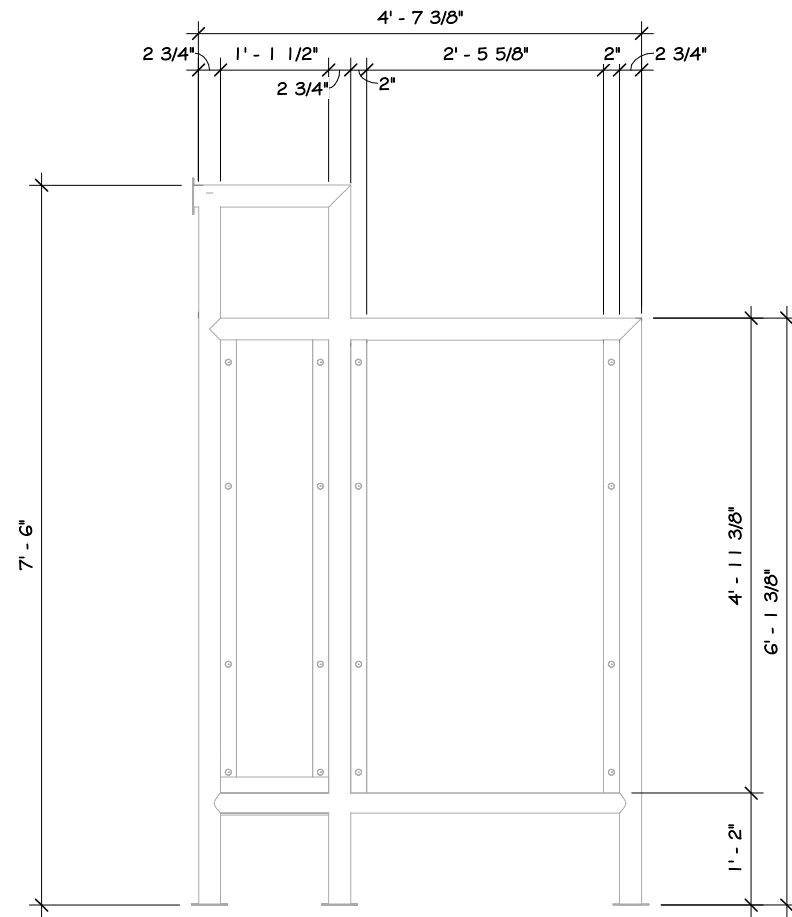
C  
2-511



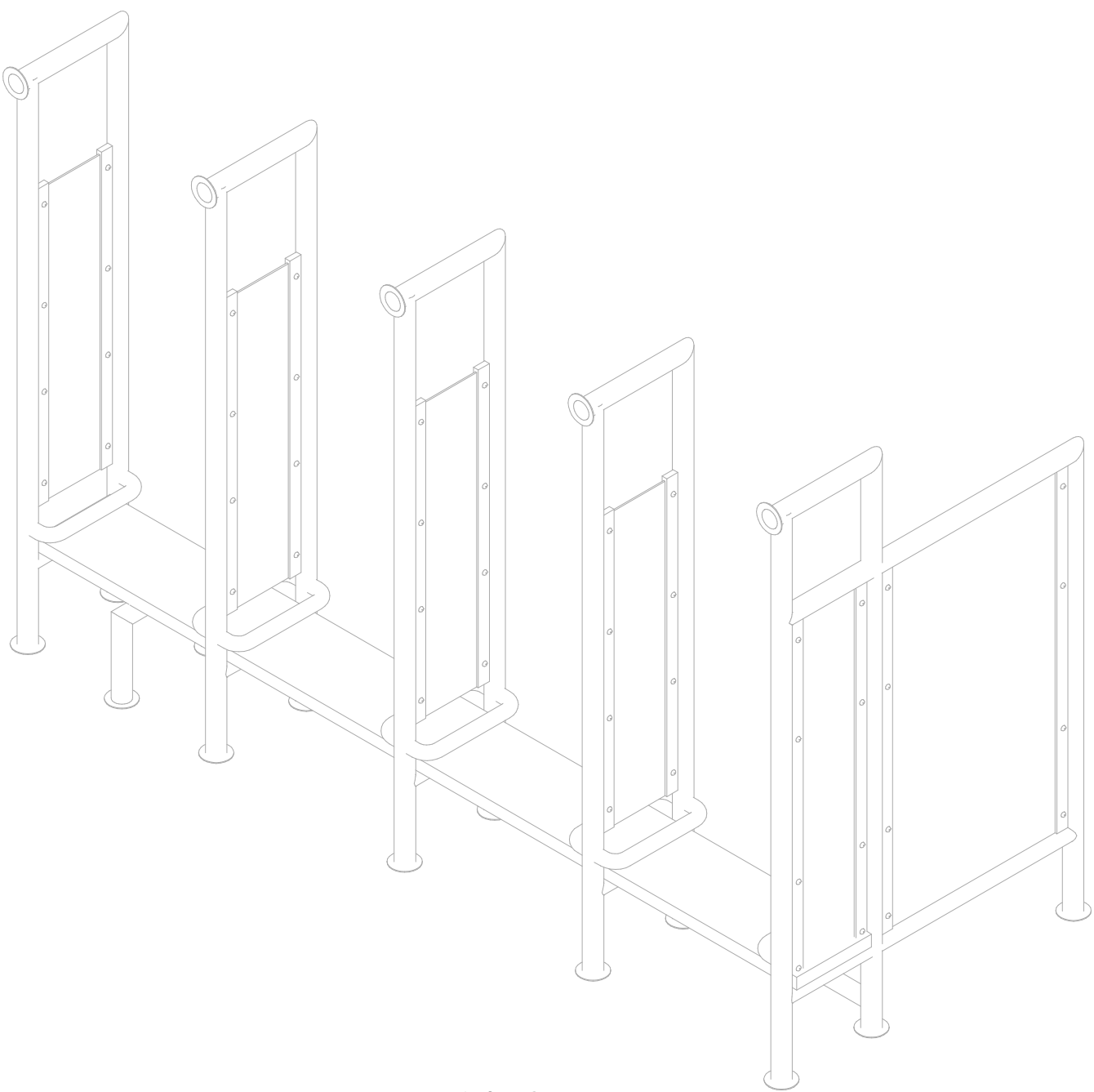
1 EXISTING BENCH PLAN  
1/2" = 1'-0"



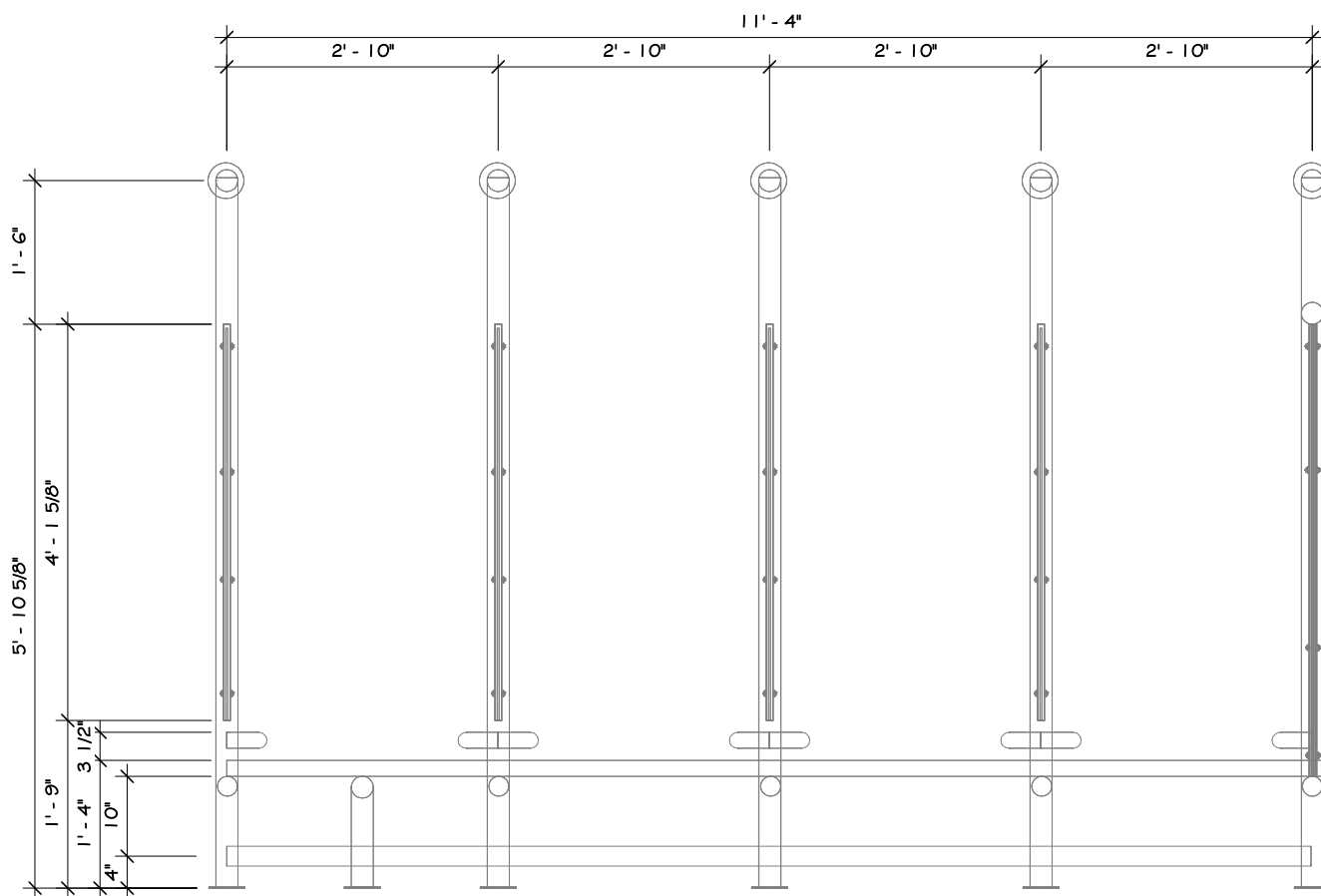
ELEVATION A



ELEVATION C

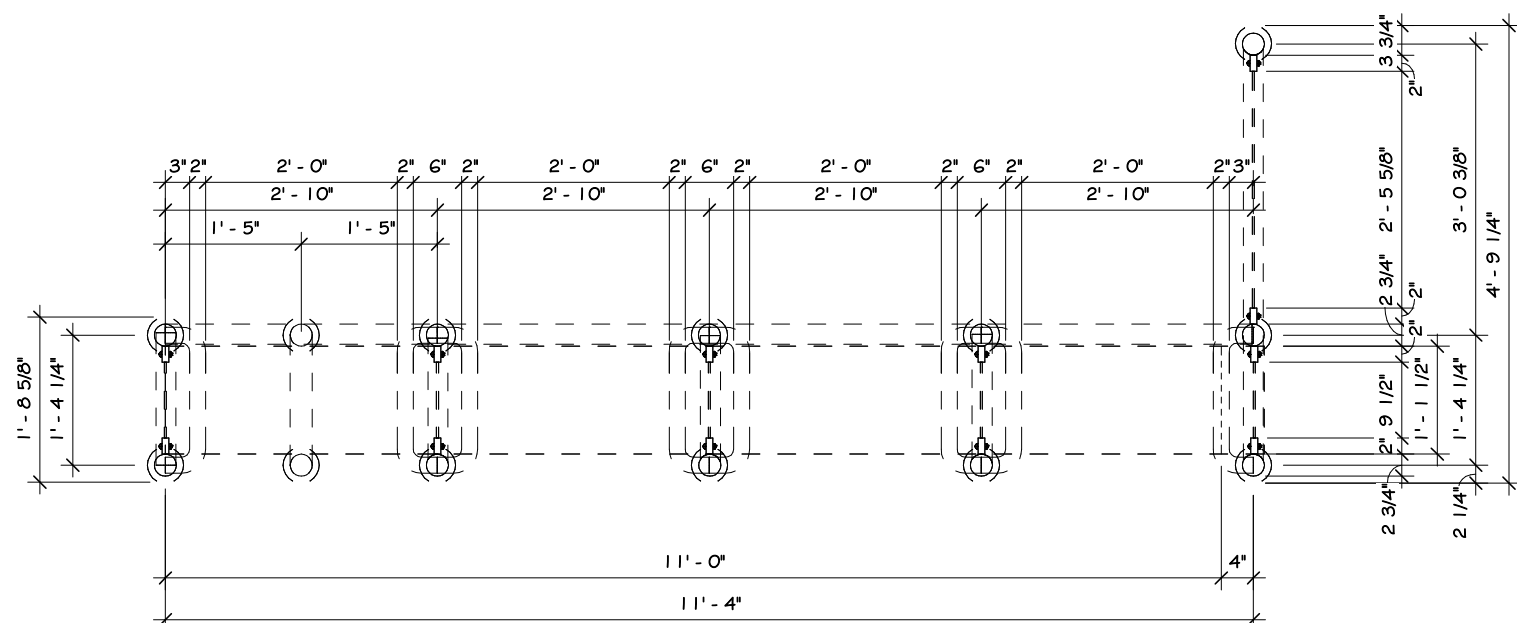


BENCH 3D



ELEVATION B

2 BENCH ELEVATION  
1/2" = 1'-0"



4 DEMOLITION BENCH PLAN  
1/2" = 1'-0"

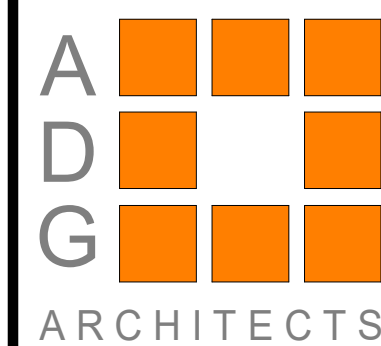
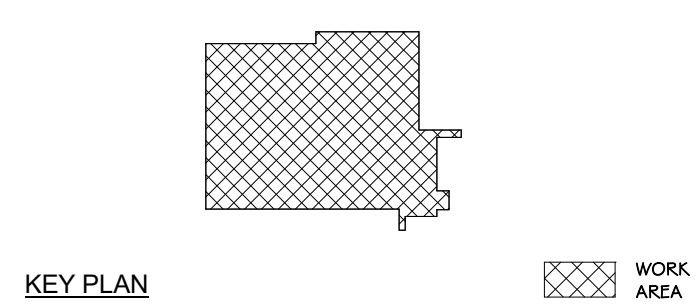
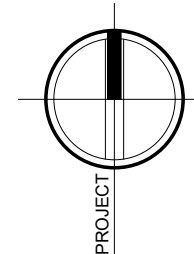
## CONSTRUCTION NOTES

1. REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
2. INSTALL BLOTTING BEHIND ALL WALL MOUNTED PICTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
3. TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE), ETC. ARE TO RECEIVE SCHLUTER EDGE TRIM.
4. DRY BOARD TO BE PAINTED WALL W/ COLORS AS PER PAINT PLAN. SEE PAINT PLAN.
5. PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SIGNAGE, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
6. WALL MOUNTED MILLWORK: SC TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT.
7. EXPOSED CMU TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPEC. APPLIANCES, INCLUDING REFRIGERATOR, W/ ICE MAKER, DISHWASHER, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER. INSTALLED BY G.C.
8. VENDING MACHINE ARE BY OWNER'S PROVIDOR. SEE PLAN FOR QUANTITY.
9. TV SIZE & LOCATIONS TO BE CONFIRMED BY OWNER.
10. WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S IT/AV CONSULTANT FOR ALL ANY EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.) W/ POWER & DATA. SEE SPECIFICATIONS FOR VARYING MOUNTING HEIGHTS AT OFFICES, CONFERENCE ROOMS, BREAK ROOM, TRAINING AREAS, CAFE, ETC.
11. DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
12. WOOD APRONS AND/OR SLIDING WOOD PANEL ACCESSIBILITY SCREENS ARE TO BE REMOVABLE TO ALLOW FOR REFILLING OF SOAP AND ACCESS TO PLUMBING.
13. BELOW COUNTER MICROWAVE SHELVEYS TO ACCOMMODATE A 24" MIN MICROWAVE.
14. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE SCRIBED FILLER PANELS AS REQUIRED AT WALLS/ CEILINGS.

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS



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106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: EXISTING/DEMOLITION BENCH PLAN



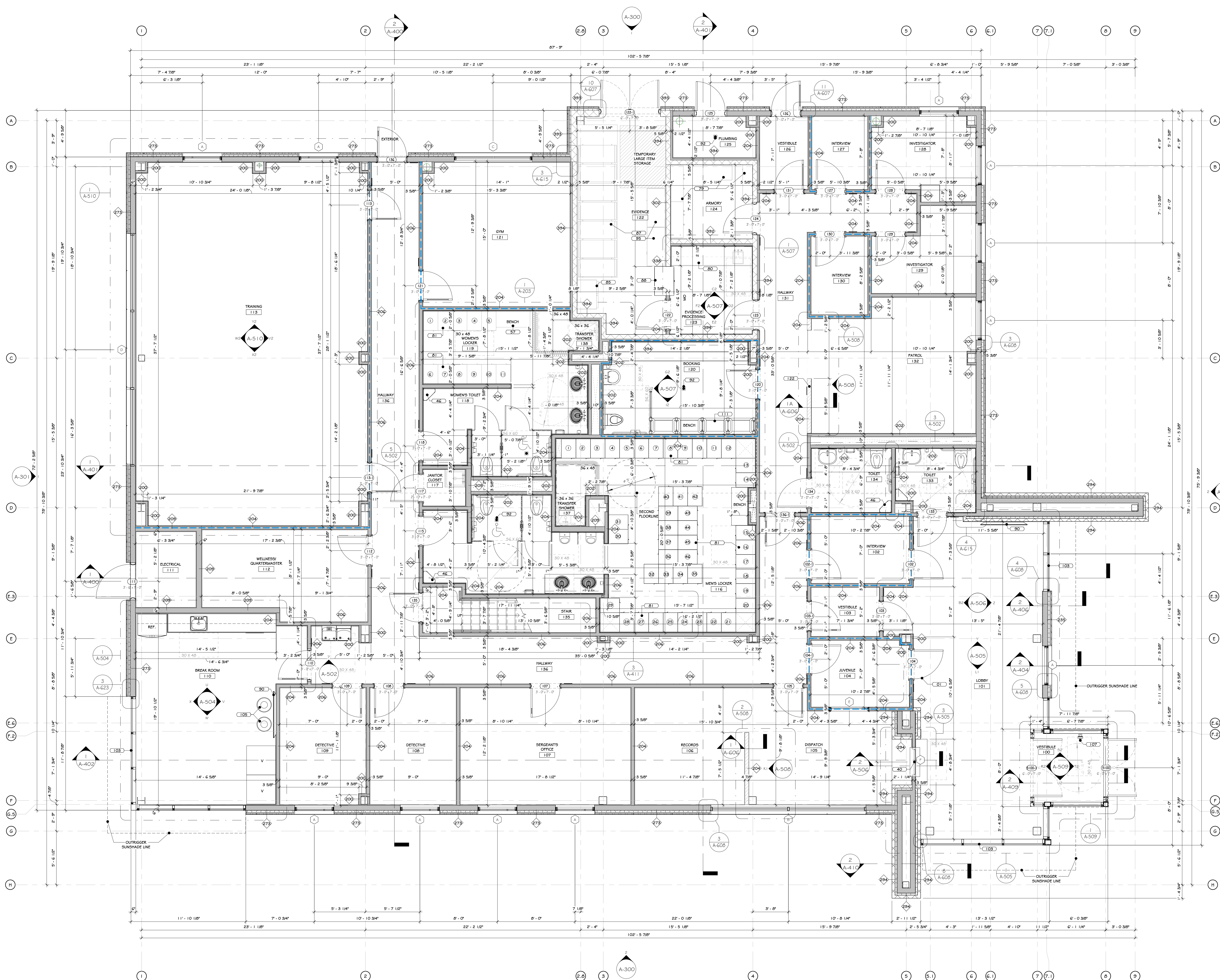
Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A=100-ED



[illegible]





# CONSTRUCTION NOTES

1. ALL DIMENSIONS ARE TO ROUGH FRAMING.
2. NOTE: NOT ALL CONSTRUCTION NOTES MAY BE SPECIFIC TO THIS DRAWING.
3. NOTE: F.F. ELEVATION 422.00 ON CIVIL DWGS. = F.F. ELEV. 100'-0" ON ARCH. - STRUC. & MEP DWGS.
4. NOTE: F.F. ELEVATION 100'-0" ON ARCH. - STRUC. & MEP DWGS. REFERS TO EXISTING FIRST FLOOR SLAB.
5. F.F. ELEVATION 100'-0"
6. SECOND FLOOR: 114'-0"
7. GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS (DOOR/WINDOW/VALVE/ETC.) PRIOR TO ORDERING AND LAYING OUT MASONRY OPENINGS AND/OR LAYING OUT STUD FRAMING.
8. SEE LIFE SAFETY PLANS FOR LOCATIONS OF FIRE EXTINGUISHERS. GC TO CONSULT WITH LOCAL A.U. PRIOR TO CO REPOSITION. TO CONFIRM ACCEPTANCE OF LOCATIONS BY FIRE MARSHAL. FIRE EXTINGUISHERS CANNOT BE PROVIDED AT ALL FINISHED OFFICE SPACES AND/OR PUBLIC AREAS AND WALL HUNG EXPOSED FIRE EXTINGUISHERS AT ALL OTHER LOCATIONS. PROVIDE OPENING AND BLOODING WITHIN FRAMING FOR FIRE CABINETS AND MOUNTING HARDWARE.
9. ALL WALLS SHALL EXCEED 12" ABOVE THE FINISH CEILING HEIGHT DIMENSION. ALL WALLS AROUND CONFERENCE ROOMS, PRIVATE OFFICES, SEPARATING PUBLIC SPACES FROM OFFICE SPACES, AND WALLS INDICATED TO BE ACoustICAL (WALL ABOVE CEILING SYSTEM IS OCCUPIED BY HVAC EQUIPMENT, PROVIDE ADEQUATE ACCESS FOR SERVICE TO SAID UNITS.
10. PRE-ALARM TO BE COORDINATED WITH OWNER AND THEIR EXISTING ADJACENT OFFICE BUILDING. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
11. CONSTRUCTION TO BEGIN ONLY AFTER ALL BUILDING COMPONENTS HAVE BEEN DESIGNED AND CONFIRMED.
12. GC SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERSONALLY INSPECT THE WORK IN PROGRESS, AND AS A WHOLE, ASSURING IMMEDIATELY THAT THE WORK ON ANY OR ALL OF THE PROJECT IS READY FOR PERIODIC AND/OR FINAL REVIEW, BEFORE CALLING UPON THE ARCHITECT AND OWNER TO MAKE THEIR STEP-BY-STEP OBSERVATION VISIT OF THE WORK.
13. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES REQUIRED FOR SAFE EXECUTION AND COMPLETION OF WORK, AND FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
14. THE CONTRACTOR MUST PROVIDE ALL REQUIRED RATINGS FOR PRE-RESISTIVE SEPARATION WALLS, FLOORCEILING ASSEMBLIES, IN ACCORDANCE WITH THE LATEST EDITION OF THE GOVERNING CODE AND LOCAL CODES.
15. ALL WALL PENETRATIONS SHALL BE HORIZONTALLY ALIGNED AT EACH FLOOR LEVEL. STRUCTURAL DETAILS AND SPECIFICATIONS OF ANY FRAMING MEMBERS, BRACING, ETC. SUPERSEDE THE ARCHITECTURAL DRAWINGS.
16. FIRST FLOOR TO BE SLAB ON GRADE. PROVIDE CONTROL JOINTS IN THE SLAB AS PER THE SPECIFICATIONS AND STRUCTURAL DRAWINGS.
17. FIRE SEPARATION WALLS ARE REQUIRED AS INDICATED ON THE LIFE SAFETY PLAN AND/OR WALL TYPES. SEE LIFE SAFETY PLAN. RESISTIVE WALL TYPES AND FIRE RATED DETAILS, AND STRUCTURAL DRAWINGS. ALL RATED WALLS, FLOORS AND CEILING ARE TO BE A PART OF AN APPROVED UL FIRE RATED ASSEMBLY.
18. HOLLOW METAL DOORS WITH HOLLOW METAL FRAMES ARE INCLUDED WITH THIS PROJECT. SEE DOOR SCHEDULE. THE GC IS REQUIRED TO COORDINATE AND INSTALL ALL ACCESS CONTROL DOOR HARDWARE.
19. MODULAR FURNITURE, CONFERENCE TABLES, AND NON-RESTROOMS: GC. UNDERSTAND DATA AND POWER TO BE PROVIDED TO EACH - SEE ELECTRICAL DRAWINGS.
20. UNOCCUPYED HALLWAYS TO BE INSTALLED UNDER ALL TILE FLOORS. NO EXCEPTIONS.
21. SEE 6000 DRAWINGS FOR INTERIOR ELEVATIONS, DETAILS, DIMENSIONS, AND MOUNTING HEIGHTS OF MILLWORK AND CROWN MOULDING.
22. GC TO PROVIDE ALL NECESSARY BLOCKING FOR MILLWORK, SHELVING, ETC.
23. SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND TITAN DRAWINGS AND SPECIFICATIONS FOR COORDINATION OF ALL RELATED ITEMS, INCLUDING UNDERGROUND WORK.
24. SEE 6000 DRAWINGS FOR COORDINATION OF ALL RELATED ITEMS, INCLUDING UNDERGROUND WORK.
25. FLOOR OUTLETS (DATA AND POWER) TO BE PROVIDED UNDER ALL PREEXISTING MILLWORK AT ALL DISPATCH AND WAITING DESKS, AT MULTIPLE LOCATIONS UNDER EACH CONFERENCE ROOM FLOOR MAKE MAX 5'-0" O.C. ONE CENTERED FLOOR BOX AT A SIX PERSON TABLE, TWO FLOOR BOXES, 6'-0" O.C. AT AN 8-12 PERSON TABLE, ETC. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
26. WATER LINE TO BE PROVIDED TO BREAKROOM MILLWORK FOR COFFEE MAKER. CIVIL DRAWINGS AND SPECIFICATIONS FOR ALL SITE IMPROVEMENTS AND INCOMING UTILITIES BEYOND 5'-0" OUTSIDE OF THE BUILDING FOOTPRINT.
27. MIN. 3' X 3' IMPERVIOUS AREA REQUIRED AT EACH EXIST. D.C. TO PROVIDE EXTERIOR CONCRETE PADS IF ASPHALT IS NOT PROVIDED FOR ON CIVIL DRAWINGS. SEE STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS.
28. GC TO INCLUDE LINE ITEM ALLOWANCE FOR EVIDENCE STORAGE EQUIPMENT, EVIDENCE LOCKERS, AND SHELVING.
29. THESE DRAWINGS DO NOT CONTAIN COMPLETE SPECIFICATIONS, DETAILS AND INFORMATION REQUIRED FOR THE INTERIOR FINISHES OF THE PROJECT. ADDITIONAL INFORMATION SHALL BE OBTAINED FROM THE OWNER.
30. SEE CIVIL DRAWINGS AND SPECIFICATIONS FOR ALL SITE IMPROVEMENTS AND INCOMING UTILITIES BEYOND 5'-0" OUTSIDE OF THE BUILDING FOOTPRINT.
31. ALL WINDOWS WITH SILLS LESS THAN 36" AFF AND MORE THAN 72" ABOVE FINISH GRADE OF OTHER SURFACE SHALL HAVE LATCH HARDWARE COMPLIANT WITH ASTM F 2000. LIMITING OPENING TO 4".
32. SPRACING/CONFIGURATION OF TRUSSES TO BE ADJUSTED AS REQUIRED TO ACCOMMODATE THE OPENINGS FOR ANY UNITS AND LADDERS ACCESS TO ROOF. TRUSS DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.
33. GC TO COORDINATE FRAMING DEPTH LAYOUT WITH HVAC LOCATIONS AND MANUFACTURER INSTALLATION INSTRUCTIONS/RECOMMENDED CLEARANCES (COORDINATE HVAC UNIT PLACEMENT WITH INTAKE/EXHAUST LOUVER LOCATIONS INDICATED ON EXTERIOR ELEVATIONS).
34. STRUCTURAL DETAILS AND SPECIFICATIONS OF ANY FRAMING MEMBERS, BRACING, ETC. SUPERSEDE THE ARCHITECTURAL DRAWINGS.
35. FIRE RATING OF WALLS ARE TO BE CONTINUOUS BEHIND ANY ELEMENTS THAT PENETRATE THEM, I.E. FIRE EXTINGUISHER CABINETS, ELECTRICAL OUTLETS, RECESSED LIGHTING, ETC. SEE TYPICAL DETAILS ON A-600 DRAWINGS.

## KEY NOTES

- 01 HOLLOW METAL DOOR - SEE SPECS.
- 46 RUSTIC RESISTANT TRANSPARENT WINDOW - SEE SPECS.
- 46 GARBAGE CAN - SEE SPECS.
- 57 HANDWOOD LOCKER BENCH - SEE SPECS.
- 79 FIREARM LOCKER - SEE SPECS.
- 80 STAINLESS STEEL MILLWORK - SEE SPECS.
- 81 HEAVY DUTY METAL LOCKERS: SINGLE TIER WITH DRAWER BELOW - SEE SPECS.
- 85 EVIDENCE LOCKER WITH REFRIGERATOR - SEE SPECS.
- 87 HIGH DENSITY MOBILE EVIDENCE LOCKER SYSTEM - SEE SPECS.
- 88 PASS THROUGH EVIDENCE LOCKER - SEE SPECS.
- 90 WALL MOUNTED TV, BY OWNER.
- 92 FLOOR DRAIN, SEE PLUMBING DRAWINGS.
- 95 EVIDENCE LOCKER - SEE SPECS.
- 103 CURTAIN WALL SYSTEM - SEE SPECS.
- 105 GARBAGE RECEPTACLE SEE SPECS.
- 107 B1 AUTO DIAL PHONE WITH FEEDBACK - SEE SPECS.
- 111 BOOKING BENCH - BY OWNER.
- 122 HALLWAY

## WALL LEGEND:

- MTL STUD WALL
- CMU WALL
- PARTIAL HT. WALL
- ACoustICAL MTL STUD WALL

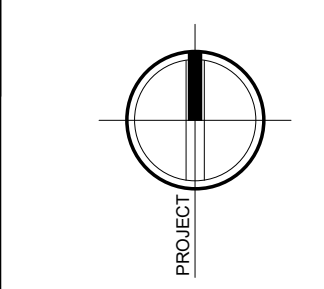
## DOOR LEGEND:

- PERSONNEL DOOR TAG @ FIRST FLR LEVEL
- STOREFRONT DOOR TAG @ FIRST & SECOND FLR LEVEL
- PERSONNEL DOOR TAG @ SECOND FLR LEVEL

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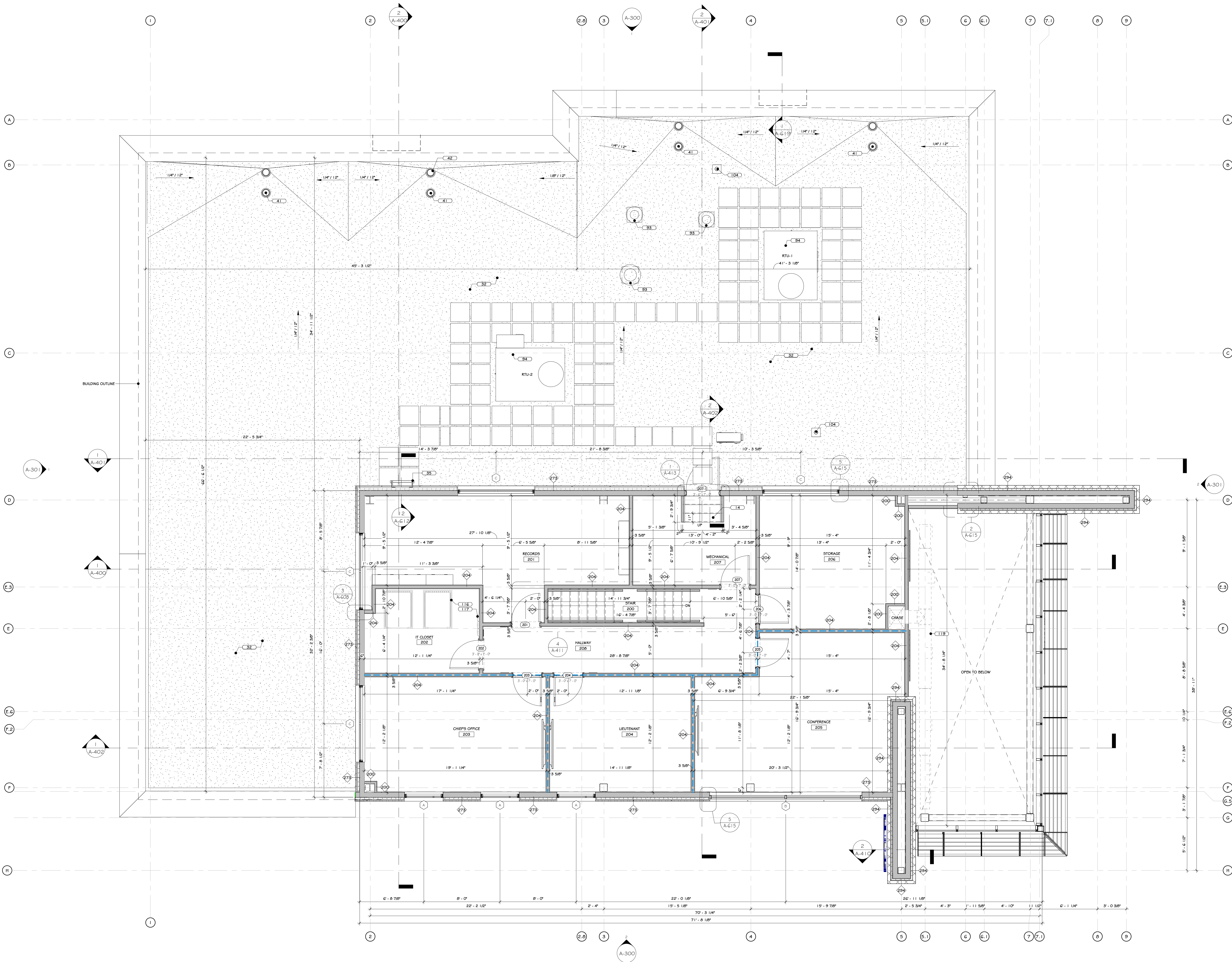
Drawing: **FIRST FLOOR PLAN**

Project: 23138	Date: 02/24/25
Drawn: IDEA	Scale: AS NOTED
Drawing Number:	



**A-201**





1 SECOND FLOOR PLAN  
1/4" = 1'-0"

## CONSTRUCTION NOTES

- ALL DIMENSIONS ARE TO ROUGH FRAMING.
- NOTE: NOT ALL CONSTRUCTION NOTES MAY BE SPECIFIC TO THIS DRAWING.
- NOTE: F.F. ELEVATION 422.00 ON CIVIL DWGS. = F.F. ELEV. 100'-0" ON ARCH. - STRUC. & MEP DWGS.
- NOTE: F.F. ELEVATION 100'-0" ON ARCH. - STRUC. & MEP DWGS. REFERS TO EXISTING FIRST FLOOR SLAB.
- F.F. ELEVATIONS:
  - MAIN FLOOR: 100'-0"
  - SECOND FLOOR: 114'-0"
  - THIRD FLOOR: 128'-0"
- GENERAL CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH RESPECTIVE MANUFACTURERS (DOOR/WINDOW/DOOR/ETC.) PRIOR TO ORDERING AND LAYING OUT MASONRY OPENINGS AND/OR LAYING OUT STUD FRAMING.
- SEE LIFE SAFETY PLANS FOR LOCATIONS OF FIRE EXTINGUISHERS. GC TO CONSULT WITH LOCAL AUL PRIOR TO CO INSPECTION TO CONFIRM ACCEPTANCE OF LOCATIONS BY FIRE MARSHAL. FIRE EXTINGUISHER CABINETS TO BE PROVIDED AT ALL FINISHED OFFICE SPACES AND/OR PUBLIC AREAS AND WALL HUNG EXPOSED FIRE EXTINGUISHERS AT ALL OTHER LOCATIONS. PROVIDE OPENING AND BLOSSOM WITHIN FRAMING FOR WALL CABINETS AND MOUNTING HARDWARE.
- ALL WALLS SHALL EXTEND 1'-2" ABOVE THE FINISH CEILING HEIGHT DIMENSION. ALL WALLS AROUND CONFERENCE ROOMS, PRIVATE OFFICES, SEPARATING PUBLIC SPACES FROM OFFICE SPACES, AND WALLS INDICATED TO BE ACoustICAL WALLS SHALL BE TO EXTEND TO THE FLOOR ABOVE AND BE SEALED WITH ACoustICAL CAULK. INSULATION AND GYPSUM BOARD IS TO CONTINUE TO THE TOP OF THE WALL, BOTH SIDES. FLOOR ABOVE CEILING SYSTEM IS OCCUPIED BY HVAC EQUIPMENT. PROVIDE ADEQUATE ACCESS FOR SERVICE TO SAID UNITS.
- THE ALARMS TO BE COORDINATED WITH OWNER AND THEIR EXISTING ADJACENT OFFICE BUILDING. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- CONSTRUCTION TO BEGIN ONLY AFTER ALL BUILDING COMPONENTS HAVE BEEN DESIGNED AND CONFIRMED.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERSONALLY INSPECT THE WORK IN PROGRESS, AND AS A WHOLE, ASSURING HIMSELF THAT THE WORK ON ANY OR ALL OF THE PROJECT IS READY FOR PERIODIC AND/OR FINAL REVIEW, BEFORE CALLING UPON THE ARCHITECT AND OWNER TO MAKE THEIR STEP-BY-STEP OBSERVATION VISIT OF THE WORK.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES REQUIRED FOR SAFE EXECUTION AND COMPLETION OF WORK, AND FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
- THE CONTRACTOR MUST PROVIDE ALL REQUIRED RATINGS FOR FIRE-RESISTIVE SEPARATION WALLS, FLOOR/CEILING ASSEMBLIES, IN ACCORDANCE WITH THE LATEST EDITION OF THE GOVERNING CODE AND LOCAL CODES.
- ALL WALL PENETRATIONS SHALL BE HORIZONTALLY ALIGNED AT EACH FLOOR LEVEL. STRUCTURAL DETAILS AND SPECIFICATIONS OF ANY FRAMING MEMBERS, BRACING, ETC. SUPERSEDE THE ARCHITECTURAL DRAWINGS.
- FIRST FLOOR TO BE SLAB ON GRADE. PROVIDE CONTROL JOINTS IN THE SLAB AS PER THE SPECIFICATIONS AND STRUCTURAL DRAWINGS.
- FIRE SEPARATION WALLS ARE REQUIRED AS INDICATED ON THE LIFE SAFETY PLAN AND/OR WALL TYPES. SEE LIFE SAFETY PLAN. RESPECTIVE WALL TYPES AND FIRE RATED DETAILS, AND STRUCTURAL DRAWINGS. ALL RATED WALLS, FLOORS AND CEILING ARE TO BE A PART OF AN APPROVED UL FIRE RATED ASSEMBLY.
- HOLLOW METAL DOORS WITH HOLLOW METAL PANELS ARE INCLUDED WITH THIS PROJECT. SEE DOOR SCHEDULE. THE GC IS REQUIRED TO COORDINATE AND INSTALL ALL ACCESS CONTROL DOOR HARDWARE.
- MODULAR FURNITURE, CONFERENCE TABLES, AND WORKSTATIONS: GC UNDERLIES DATA AND POWER TO BE PROVIDED TO EACH - SEE ELECTRICAL DRAWINGS.
- ENCLOSURE MEMBRANE TO BE INSTALLED UNDER ALL TILE FLOORS. NO EXCEPTIONS.
- SEE 6500 DRAWINGS FOR INTERIOR ELEVATIONS, DETAILS, DIMENSIONS, AND MOUNTING HEIGHTS OF MILLWORK AND CLOVES.
- GC TO PROVIDE ALL NECESSARY BLOCKING FOR MILLWORK, SHELVING, ETC.
- SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND TITAN DRAWINGS AND SPECIFICATIONS FOR COORDINATION OF ALL RELATED ITEMS, INCLUDING UNDERGROUND WORK.
- THREE BAY 8' CONSULT WITH FIRM 10' TO BE PROVIDED FROM TELECOM ROOM TO THE PLUMBING SPACE.
- FLOOR OUTLETS (DATA AND POWER) TO BE PROVIDED UNDER ALL PRE-EXISTING MILLWORK AT ALL DISPATCH AND PATROL DESKS, AT MULTIPLE LOCATIONS UNDER EACH CONFERENCE ROOM TAKE MAX 5'-0" O.C. ONE CENTERED FLOOR BOX AT A SIX PERSON TABLE, TWO FLOOR BOXES, 6'-0" O.C. AT AN 8-12 PERSON TABLE, ETC. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- WATER LINE TO BE PROVIDED TO BREAKROOM MILLWORK FOR COFFEE MAKER. CIVIL DRAWINGS AND SPECIFICATIONS FOR ALL SITE IMPROVEMENTS AND INCOMING UTILITIES BEYOND 5'-0" OUTSIDE OF THE BUILDING FOOTPRINT.
- MIN. 9' X 9' IMPERVIOUS AREA REQUIRED AT EACH EXIT DOOR, G.C. TO PROVIDE EXTERIOR CONCRETE PADS IF ASPHALT IS NOT PROVIDED FOR ON CIVIL DRAWINGS. SEE STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS.
- GC TO INCLUDE LINE ITEM ALLOWANCE FOR EVIDENCE STORAGE EQUIPMENT, EVIDENCE LOCKERS, AND SHELVING.
- THESE DRAWINGS DO NOT CONTAIN COMPLETE SPECIFICATIONS, DETAILS AND INFORMATION REQUIRED FOR THE INTERIOR FINISHES OF THE PROJECT. ADDITIONAL INFORMATION SHALL BE OBTAINED FROM THE OWNER.
- SEE CIVIL DRAWINGS AND SPECIFICATIONS FOR ALL SITE IMPROVEMENTS AND INCOMING UTILITIES BEYOND 5'-0" OUTSIDE OF THE BUILDING FOOTPRINT.
- ALL WINDOWS WITH SILLS LESS THAN 36" AFF AND MORE THAN 72" ABOVE FINISH GRADE OF OTHER SURFACE SHALL HAVE LATCH HARDWARE COMPLIANT WITH ASTM F 2000. LIMITING OPENING TO 4".
- SPACING/CONFIGURATION OF TRUSSES TO BE ADJUSTED AS REQUIRED TO ACCOMMODATE THE OPENINGS FOR ANY SHIFTS AND LADDER ACCESS TO ROOF. TRUSS DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.
- GC TO COORDINATE FRAMING DEPTH LAYOUT WITH HVAC LOCATIONS AND MANUFACTURER INSTALLATION INSTRUCTIONS/RECOMMENDED CLEARANCES (COORDINATE HVAC UNIT PLACEMENT WITH INTAKE/ EXHAUST LOUVER LOCATIONS INDICATED ON EXTERIOR ELEVATIONS).
- STRUCTURAL DETAILS AND SPECIFICATIONS OF ANY FRAMING MEMBERS, BRACING, ETC. SUPERSEDE THE ARCHITECTURAL DRAWINGS.
- FIRE RATING OF WALLS ARE TO BE CONTINUOUS BEHIND ANY ELEMENTS THAT PENETRATE THEM, I.E. FIRE EXTINGUISHER CABINETS, ELECTRICAL OUTLETS, RECESSED LIGHTING, ETC. SEE TYPICAL DETAILS ON A-600 DRAWINGS.

## KEY NOTES

- |     |   |
|-----|---|
| 14  | METAL PAN STAIR - SEE SPEC.                         |
| 32  | FROM FIRM 10' - SEE SPEC.                           |
| 35  | FIRE ALARM ACCESS LADDER, OSHA APPROVED - SEE SPEC. |
| 41  | ROOF DRAIN OVERFLOW - SEE PLUMBING DRAWINGS         |
| 42  | ROOF DRAIN - SEE PLUMBING DRAWINGS                  |
| 93  | ELECTRIC PAN - SEE MECHANICAL PLANS                 |
| 94  | ROOFTOP UNIT - SEE MECHANICAL PLANS                 |
| 104 | ROOF VENT - SEE PLUMBING DRAWINGS                   |
| 116 | IT AND NETWORK RACK - BY IT COMPANY                 |
| 117 | ACCESS CONTROL BOXES - BY IT COMPANY                |
| 119 | DUCTWORK - SEE SPEC.                                |

## WALL LEGEND:

- |  |                          |
|--|--------------------------|
|  | MTL STUD WALL            |
|  | CMU WALL                 |
|  | PARTIAL HT. WALL         |
|  | ACoustICAL MTL STUD WALL |

## DOOR LEGEND:

- |  |                          |
|--|--------------------------|
|  | PERSONNEL DOOR TAG       |
|  | FIRST FLR LEVEL          |
|  | STOREFRONT DOOR TAG      |
|  | FIRST & SECOND FLR LEVEL |
|  | PERSONNEL DOOR TAG       |
|  | SECOND FLR LEVEL         |

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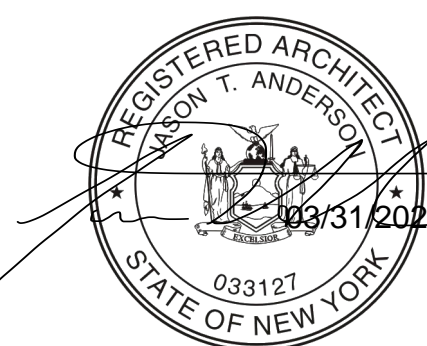
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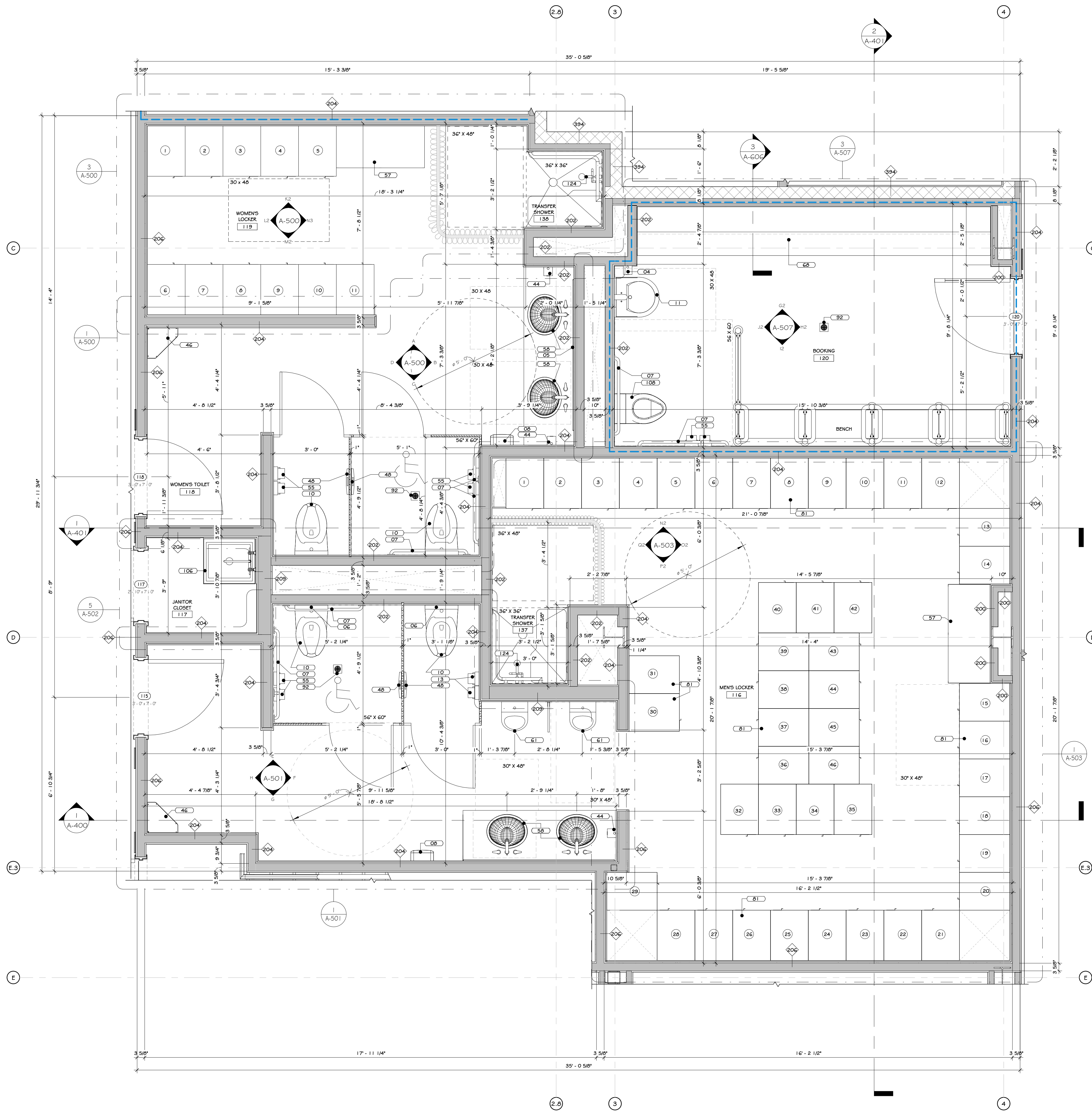
Drawing: SECOND FLOOR PLAN



Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-202





1 ENLARGED MEN'S , WOMEN'S TOILET , LOCKER ROOM & BOOKING  
1/2" = 1'-0"

## CONSTRUCTION NOTES

- REFER TO TYPICAL ADA REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
- WALL MOUNTED URINAL - HANDS FREE FLUSH - SEE PLUMBING DRAWINGS FOR SPECS.
- WALL HUNG, ADA COMPLIANT TOILET-SEE PLUMBING DRAW FOR SPECS. G.C. TO COORDINATE REQUIRED BLOCKING WITH PLUMBING CONTRACTOR. MOUNTING BRACKETS TO BE FASTENED TO CONCRETE SLAB.
- TOILET PARTITION LATCHES, COAT HOOK, BARRIER, AND WALL STOP TO BE FURNISHED WITH EACH DOOR. FLOOR MOUNTED, OVERHEAD BRACE G.C. TO PROVIDE STRUCTURE TO MOUNT PARTITION AND COORDINATE WITH INSTALLER WITH CONTINUOUS STRENGTH HINGE @ ALL TOILET PARTITIONS. MOUNTING HEIGHT - SEE DRAWING A-416. (OR EQUAL, SEE SPECS.)
- 5'-11" HIGH TOILET PARTITION - SEE SPECS.
- NEW LOCKER AREA 57 LOCKERS, 10' X 24' X 72" ALL LOCKERS WILL BE FURNISHED AND INSTALLED COMPLETE WITH SLOPED TOPS AND BACKS AND ALL HARDWARE NECESSARY FOR A COMPLETE FLOOR MOUNTED INSTALLATION. LOCKER SYSTEM - SEE SPECS.
- 30" X 60" FLOOR SINK - FAUCET TO MOUNT TO WALL. SEE PLUMBING DRAWINGS.
- FLOOR DRAINS WITHIN EACH RESTROOM - SEE SPECS. WALL MOUNTED SOAP DISPENSER TO BE PROVIDED @ EACH LAVATORY. REFL. CONTAINER BELOW COUNTER. (BORICKS 8-201 L OR EQUAL - SEE SPECS.)
- STANDARD ADA COMPLIANT GRAB BARS - 1 1/2" DIA. STANDARD SATIN FINISH W/ SAFETY GRIP BY AJ WARDROCK, OR EQUAL - SEE SPECS.
- GENERAL CONTRACTOR TO VERIFY ALL DOOR ROUGH OPENING SIZES WITH MASONRY OPENINGS PRIOR TO ORDERING.
- QUARTZ COUNTER WITH WOOD APRON AND RECESSED WOOD PANEL ADA SCREEN BELOW. EACH PANEL TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SOAP.
- DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
- ALUMINUM FRIENDLY TOILET PARTITION LATCHES, COAT HOOK, BARRIER, AND WALL STOP TO BE FURNISHED WITH EACH DOOR. FLOOR MOUNTED OVERHEAD BRACE BY AJ OR APPROVED EQUAL. G.C. TO PROVIDE STRUCTURE TO MOUNT PARTITION AND COORDINATE WITH INSTALLER W/ CONTINUOUS STRENGTH HINGE @ ALL TOILET PARTITIONS. STANDARD MOUNTING HEIGHT - SEE DRAWING A-416.
- FLOOR DRAINS WITHIN EACH RESTROOM.
- ONE WITHIN EACH RESTROOM SHOWER.
- SHOWER CONNECTION TOWELS WITHIN EACH RESTROOM.
- ONE WITHIN EACH RESTROOM ABOVE CEILING, LOCATED ABOVE THE FLOOR DRAIN BELOW.
- ENCLOSURE MEASUREMENTS TO BE INSTALLED UNDER ALL THE FLOORS. NO EXCEPTIONS.
- G.C. TO PROVIDE BLOCKING AS NECESSARY FOR BOOKING ROOM BENCH.

## KEY NOTES

- |     |  |
|-----|--|
| 04  | SOAP DISPENSER - SEE SPECS.  |
| 05  | MIRROR - SEE SPECS.  |
| 06  | SEAT COVER - SEE SPECS.  |
| 07  | GRAB BARS - SEE SPECS.   |
| 08  | PAPER TOWEL DISPENSER - SEE SPECS.   |
| 10  | WALL HUNG TOILET - SEE SPECS.  |
| 11  | ANTI-LIGATURE STAINLESS STEEL WALL HUNG LAVATORY - SEE SPECS.                |
| 13  | TOILET PAPER HOLDER - SEE SPECS.   |
| 44  | AUTOMATED SOAP LATHER DISPENSER, WALL-MOUNTED - SEE SPECS.                   |
| 45  | GARBAGE CAN - SEE SPECS.   |
| 46  | SANITARY NAPKIN DISPOSAL UNIT, BACK-TO-BACK, PARTITION MOUNTING - SEE SPECS. |
| 55  | TOILET PAPER DISPENSER, ISSUING ROLL, SURFACE MOUNT - SEE SPECS.             |
| 57  | HARDWOOD LOCKER BENCH - SEE SPECS.   |
| 58  | LAVATORY, UNDERMOUNT - SEE SPECS.  |
| 61  | WALL HUNG URINAL - SEE SPECS.  |
| 66  | CASWORK - SEE SPECS.   |
| 81  | HEAVY DUTY METAL LOCKERS, SINGLE TIER WITH DRAWER BELOW - SEE SPECS.         |
| 92  | FLOOR DRAIN - SEE PLUMBING DRAWINGS.   |
| 106 | FLOOR SINK - SEE SPECS.  |
| 108 | ANTI-LIGATURE STAINLESS WALL MOUNTED TOILET - SEE SPECS.                     |
| 124 | ADA SHOWERS - SEE SPECS.   |

## WALL LEGEND:

- |                        |
|------------------------|
| MTL STUD WALL          |
| CMU WALL               |
| PARTIAL HT. WALL       |
| ACOUSTIC MTL STUD WALL |

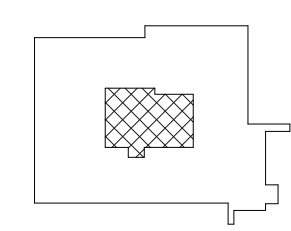
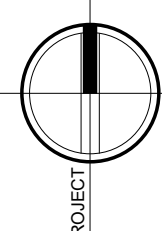
## DOOR LEGEND:

- |      |   |
|------|---|
| 1000 | PERSONNEL DOOR TAG                              |
| 0100 | STORAGE/STOCK DOOR TAG                          |
| 0200 | PERSONNEL DOOR TAG @ FIRST & SECOND FLOOR LEVEL |
| 0300 | PERSONNEL DOOR TAG @ SECOND FLOOR LEVEL         |

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Project: TOWN OF MONTGOMERY POLICE STATION  
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Drawing: ENLARGED MEN'S , WOMEN'S TOILET ,  
LOCKER ROOM & BOOKING



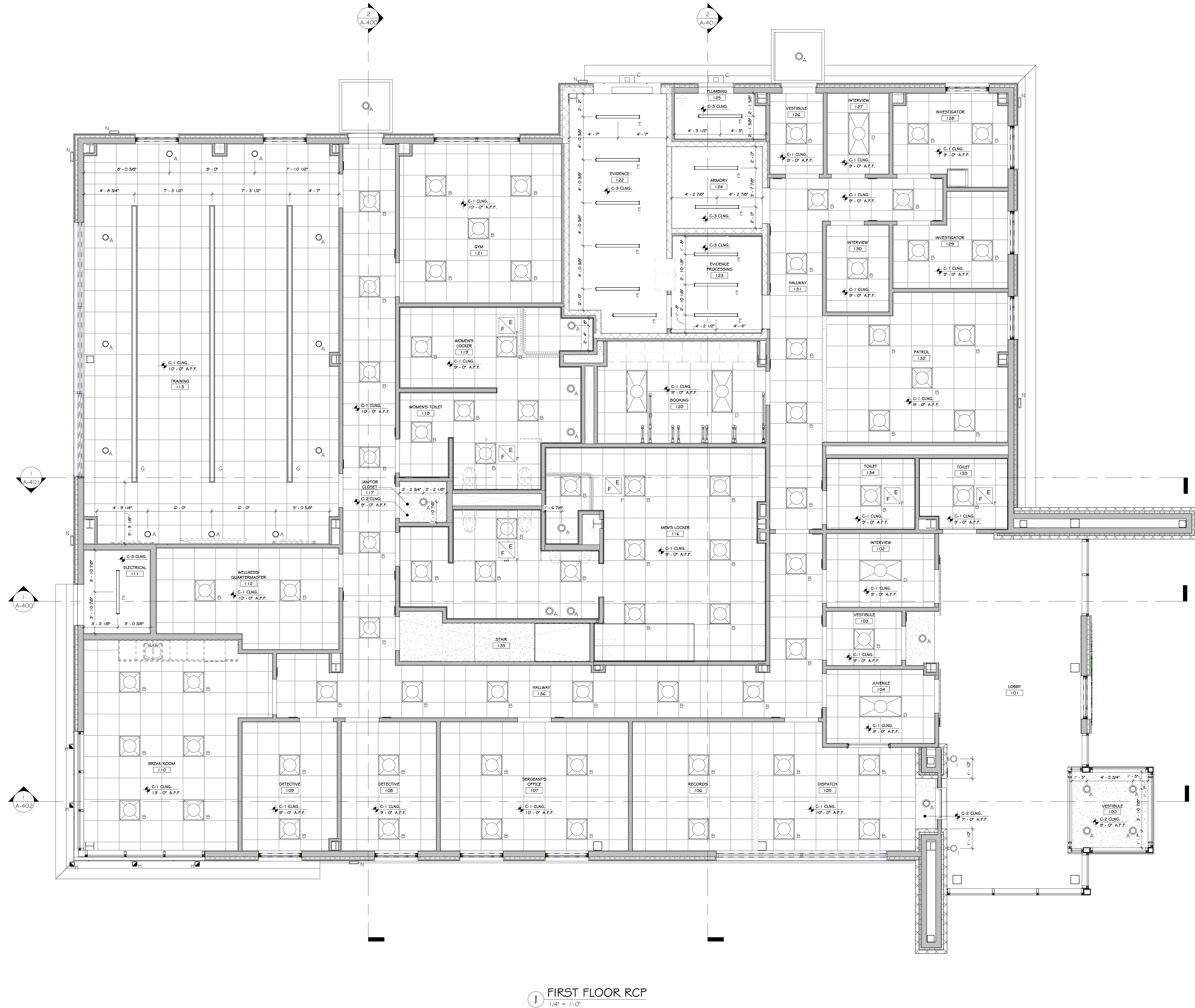
Project: 23138 Date: 02/24/25

Drawn: IDEA Scale: AS NOTED

Drawing Number:

A-203





# CONSTRUCTION NOTES

1. EXTERIOR EMERGENCY LIGHT WITH BATTERY BACKUP TO BE PROVIDED AT ALL EGRESS DOORS.
2. SEE ELEC. DWGS. FOR DATA VOICE OUTLET LAYOUT & FULL LIGHTING SPECS.
3. ALL LAMPS TO BE 4000 KELVIN RANGE.
4. ADEQUATE NUMBER OF FIXTURES WITH EMERGENCY BALLASTS TO BE PROVIDED (1) F.C. IN ALL AREAS. - SEE ELEC. DWGS.
5. ALL EXPOSED STRUCTURAL ELEMENTS (METAL DECK AND OPEN WEB JOISTS) TO BE PRIMED AND PAINTED. SEE FINISH SCHEDULE.
6. LIGHTS AT RATED GYPSUM BOARD CEILINGS TO BE SURFACE MOUNTED.
7. INTERNAL ROOF LEADER W/ CLEAN OUT. SEE PLUMBING DRAWINGS & SPECIFICATIONS.

## CEILING FINISH SCHEDULE

MARK	SYMBOL	NAME	COLOR & MATERIAL SPECS	SPECIFICATIONS	MANUFACTURER
C-1		2' x 2' ACT SYSTEM PR.	SEE SPECS.	24x24x3/4\"/>	SEE SPECS.
C-2		GYPSUM WALL BOARD	GWB	PAINTED	SEE SPECS.
C-3		EXPOSED CEILING	SEE SPECS.	PAINTED	SEE SPECS.

## FIRST FLOOR LIGHTING SCHEDULE

SYMBOL	LABEL	QUANTITY	ARRANGEMENT	DESCRIPTION	MANUF.	MOUNTING HEIGHT (NO DATA W/IN CEILING)
	A	33	SINGLE	6\"/>	SEE ELEC. DWGS.	VARIES
	B	75	-	ANTI-LIGATURE	SEE ELEC. DWGS.	9'-0\"/>
	C	2	WALL SCONCE	WALL MOUNT LUMINAIRE	SEE ELEC. DWGS.	9'-0\"/>
	D	5	-	2' x 4' DIRECT/INDIRECT LIGHT WITH TRANSLUCENT COVER	SEE ELEC. DWGS.	9'-0\"/>
	E	13	-	4' x 48\"/>	SEE ELEC. DWGS.	VARIES
	F	6	-	DYNAST FAN	SEE ELEC. DWGS.	9'-0\"/>
	G	3	-	4\"/>	SEE ELEC. DWGS.	9'-0\"/>
	H	5	-	6\"/>	SEE ELEC. DWGS.	9'-0\"/>
	I	2	-	6\"/>	SEE ELEC. DWGS.	12'-0\"/>
	N	6	-	EXTERIOR BUILDING MOUNTED LIGHT	SEE ELEC. DWGS.	VARIES

## REVISIONS:

NUM.	DATE	DESCRIPTION

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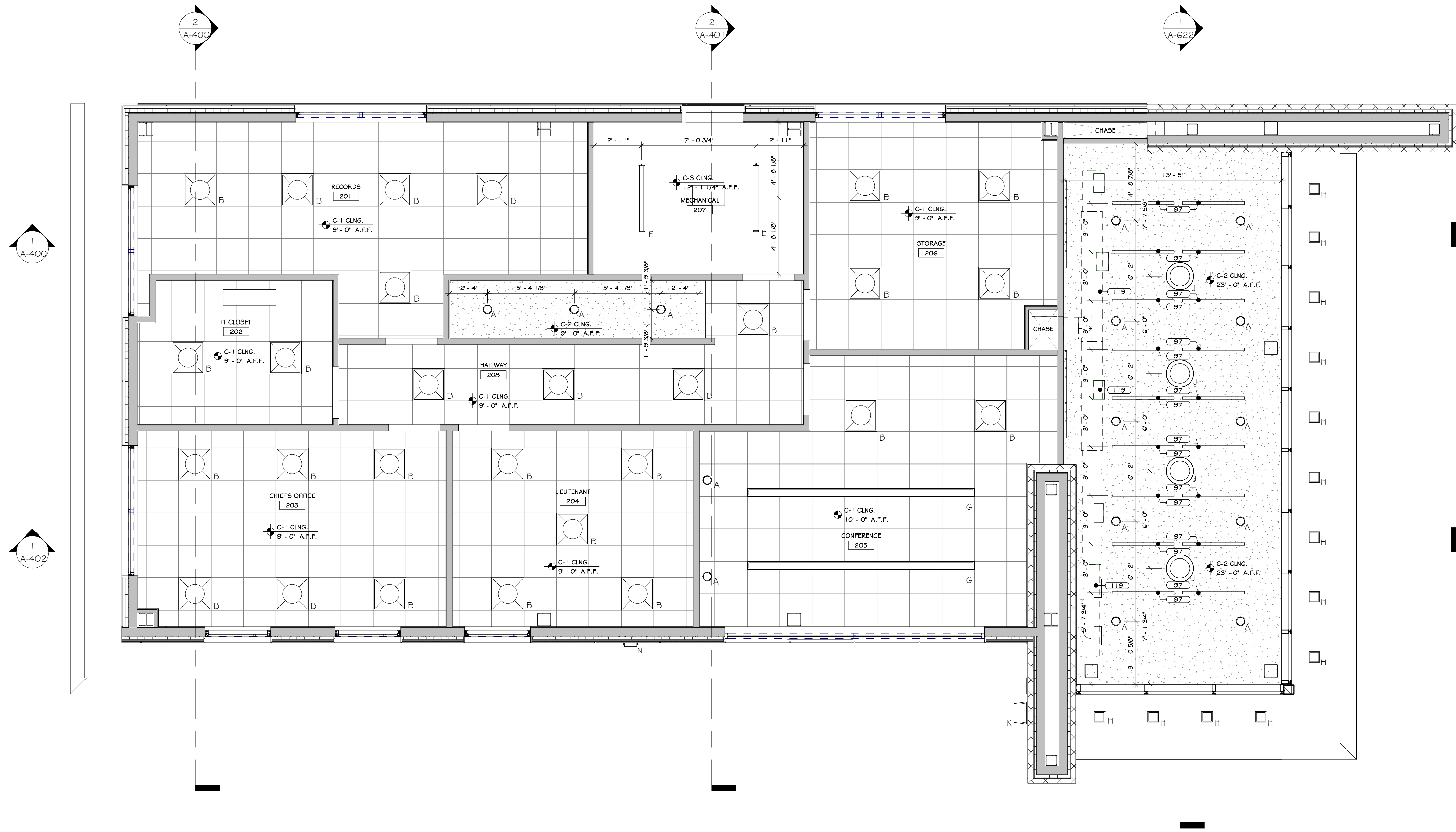
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Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: FIRST FLOOR RCP

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
A-204





1 SECOND FLOOR RCP  
1/4" = 1'-0"

### CONSTRUCTION NOTES

1. EXTERIOR EMERGENCY LIGHT WITH BATTERY BACKUP TO BE PROVIDED AT ALL EGRESS DOORS.
2. SEE ELEC. DWGS. FOR DATA VOICE OUTLET LAYOUT & FULL LIGHTING SPECS.
3. ALL LIGHTS TO BE 4000 KELVIN RANGE.
4. ADEQUATE NUMBER OF FIXTURES WITH EMERGENCY BALLASTS TO BE PROVIDED (1) F.C. IN ALL AREAS. - SEE ELEC. DWGS.
5. ALL EXPOSED STRUCTURAL ELEMENTS (METAL DECK AND OPEN WEB JOISTS) TO BE PRIME AND PAINTED. SEE FINISH SCHEDULE.
6. LIGHTS AT RATED GYPSUM BOARD CEILINGS TO BE SURFACE MOUNTED.
7. INTERNAL ROOF LEADER W/ CLEAN OUT. SEE PLUMBING DRAWINGS & SPECIFICATIONS.

### KEY NOTES

- 97 HANGING ACOUSTICAL PANEL - SEE SPECS.  
119 DUCTWORK - SEE SPECS.

#### CEILING FINISH SCHEDULE

MARK	SYMBOL	NAME	COLOR & MATERIAL SPECS	SPECIFICATIONS	MANUFACTURER
C-1		2' x 2' ACT SYSTEM FR	SEE SPECS.	24"x24"x3/4" DEVEILED TIGULAR LAY IN W/ PRELUSE IS 30"2" HEAVY DUTY GRID	SEE SPECS.
C-2		GYPSUM WALL BOARD	GWB	PAINTED	SEE SPECS.
C-3		EXPOSED CEILING	SEE SPECS.	PAINTED	SEE SPECS.

#### SECOND FLOOR LIGHTING SCHEDULE

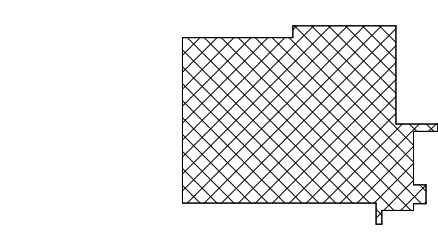
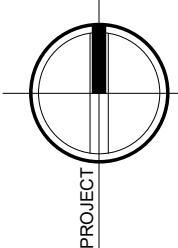
NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET

SYMBOL	LABEL	QUANTITY	ARRANGEMENT	DESCRIPTION	MANUF.	MOUNTING HEIGHT (NO DATA W/IN CEILING)
	A	8	SINGLE	6" DIA. LED RECESSED DOWNLIGHT WITH LENS	SEE ELEC. DWGS.	9'-0"
	B	26	-	ANTI-LIGATURE	SEE ELEC. DWGS.	9'-0"
	E	2	-	4" x 40" LINEAR SUSPENDED LED	SEE ELEC. DWGS.	9'-0"
	G	2	-	4" WIDE SLOT LIGHT LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	9'-0"
	H	13	-	6" SQUARE LED, CLG. MOUNTED	SEE ELEC. DWGS.	VARIES
	J	4	-	-	Acuity Brands Lighting	VARIES
	K	2	-	GEOMETRIC WALL SCONCES (650) INDUSTRIAL & SPORTS	SEE ELEC. DWGS.	VARIES
	N	1	-	EXTERIOR BUILDING MOUNTED LIGHT	SEE ELEC. DWGS.	VARIES

### REVISIONS:

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KEY PLAN

WORK AREA

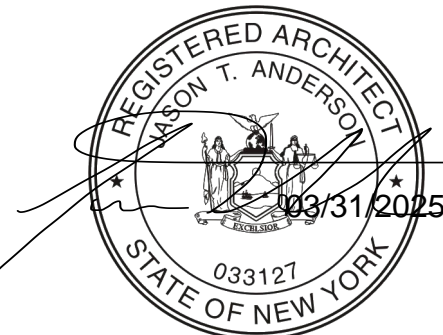


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106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: SECOND FLOOR RCP



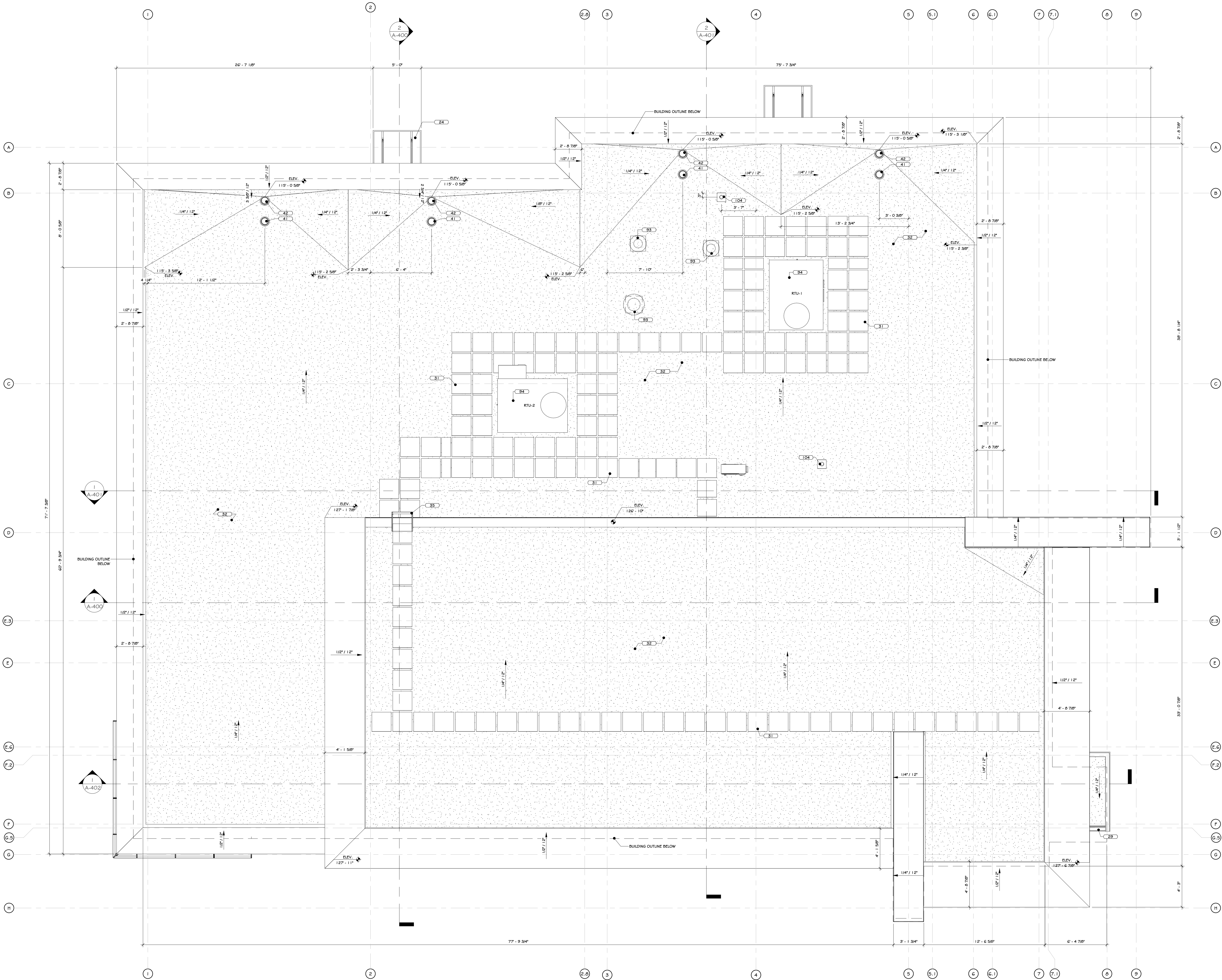
Project: 23138 Date: 02/24/25

Drawn: IDEA Scale: AS NOTED

Drawing Number:

A-205





1 ROOF PLAN  
1/4" = 1'-0"

### CONSTRUCTION NOTES

1. LOCATIONS OF ALL MECHANICAL EQUIPMENT AND PENETRATIONS MAY NOT BE SHOWN. SEE MEP DRAWINGS.
2. ALL ROOF DRAINS ARE TO CONNECT TO UNDERGROUND STORM DRAINAGE SYSTEM - SEE CIVIL DRAWINGS.
3. PROVIDE TAPPED INSULATION AS REQUIRED TO CREATE ROOF SLOPE AND CRICKETS AND MAINTAIN A MINIMUM OF 1/4" SLOPE.
4. MULTIPLE RTUS TO BE LOCATED AS SHOWN ON THE MEP DRAWINGS.
5. ROOF SLOPE TO BE CREATED WITH TAPPED INSULATION.
6. ALL ROOF DRAINS ARE TO CONNECT TO UNDERGROUND STORMWATER CONNECTION.


### KEY NOTES

24	ARCHITECTURAL CANOPY - SEE SPECS.
29	GUTTER - SEE SPECS.
31	WALKWAY TIE - SEE SPECS.
32	EPDM FULLY ADHERED - SEE SPECS.
35	PROF ALUMINUM ACCESS ACCESS, OSHA APPROVED - SEE SPECS.
41	ROOF DRAIN OVERFLOW - SEE PLUMBING DRAWINGS.
42	ROOF DRAIN - SEE PLUMBING DRAWINGS.
43	ELECTRIC PAN - SEE MECHANICAL PLANS.
44	ROOFTOP UNIT - SEE MECHANICAL PLANS.
104	ROOF UNIT - SEE PLUMBING DRAWINGS.

### REVISIONS:

NUM.	DATE	DESCRIPTION

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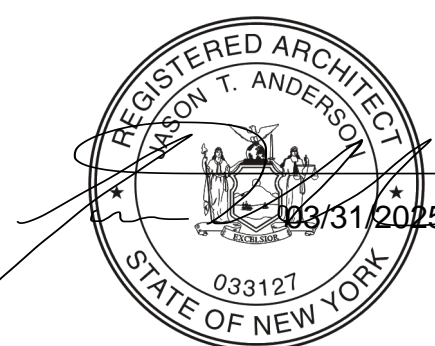
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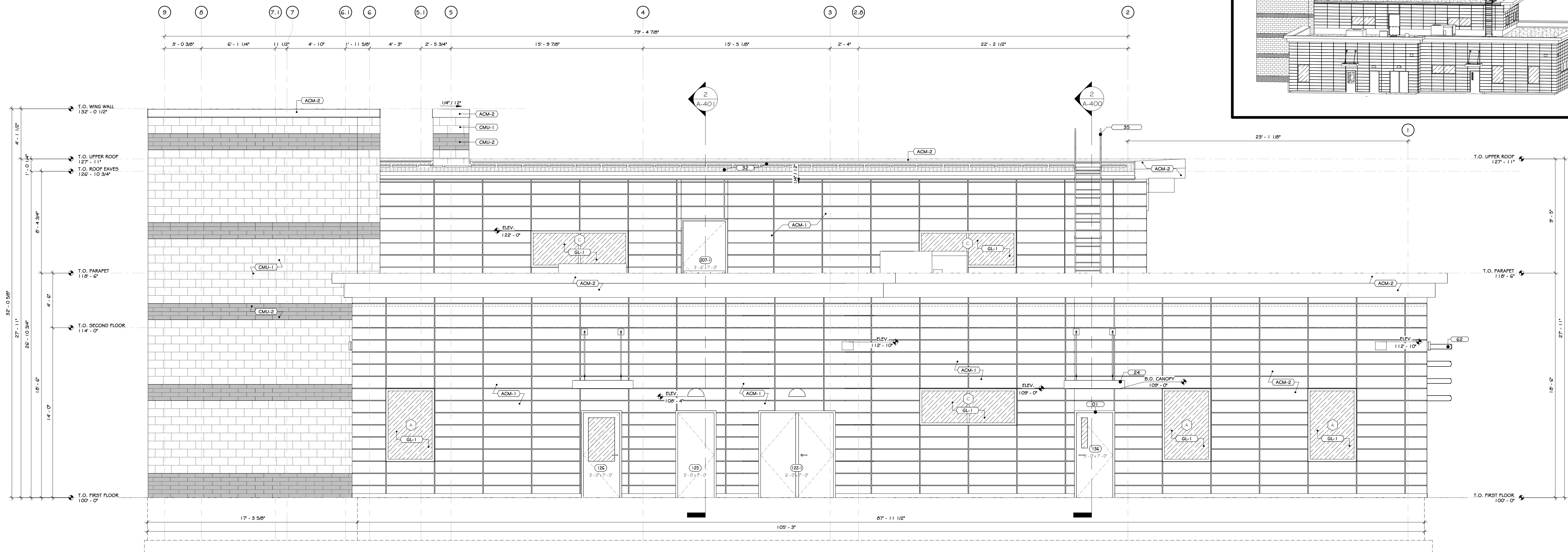
Drawing: ROOF PLAN



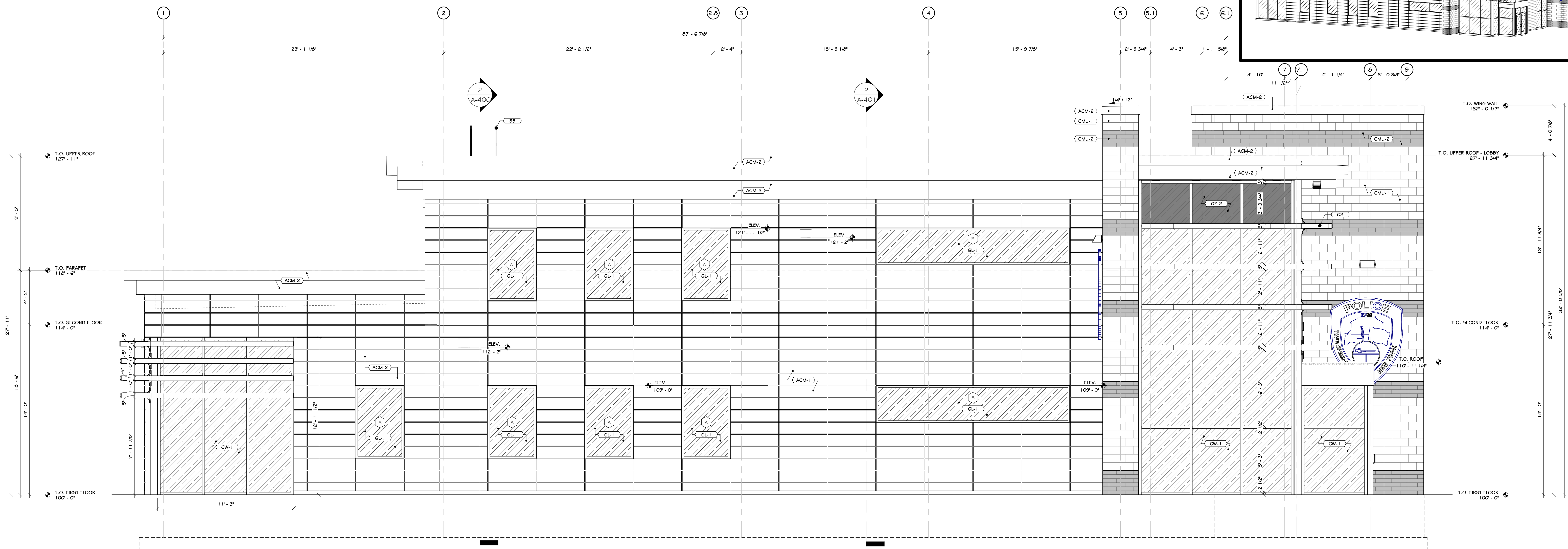
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A-206

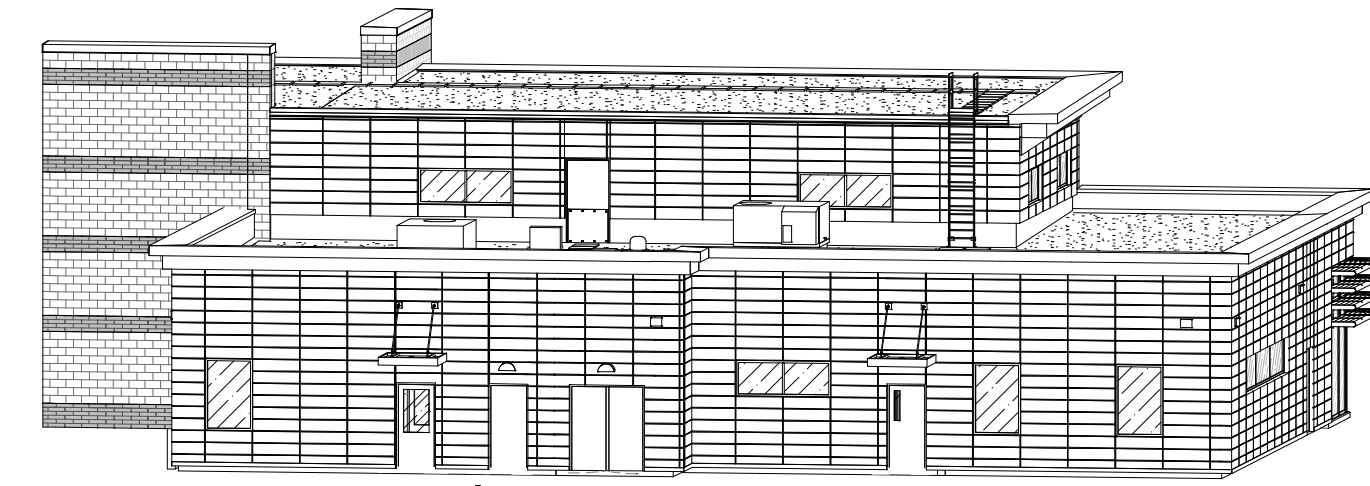




1 NORTH EXTERIOR ELEVATION  
1/4" = 1'-0"



2 SOUTH EXTERIOR ELEVATION  
1/4" = 1'-0"



## CONSTRUCTION NOTES

- NOTE: NOT ALL NOTES MAY APPLY.
- SIDEWALKS TO SLOPE AWAY FROM BUILDING - SEE CIVIL DWGS.
- OWNER TO SUPPLY SECURITY CAMERAS AND THEIR LOCATIONS. GC TO PROVIDE ELECTRIC AND SUBSTRATE.
- BLOCKING FOR MOUNTING ALUMINUM CLADDING TO HAVE RECESSED DRY JOINTS, OVER METAL STUDS - SEE RESPECTIVE TYPES.
- G.C. AND EC RESPONSIBLE FOR COORDINATING JUNCTION BOX, POWER, BLOCKING PRIOR TO INSTALLATION OF INTERIOR OR EXTERIOR BREATHING AT ALL SIGNAGE, EXTERIOR BUILDING LIGHTING, CAMERAS, OUTLETS, ETC. GC AND EC TO SUBMIT ONE COMPREHENSIVE COORDINATION DRAWING WITH LOCATIONS AND MOUNTING HEIGHTS SHOWN FOR EACH ITEM.
- EMERGENCY BACK-UP LIGHTING IS TO BE PROVIDED AT EACH EXIT DOOR. SEE ELECTRICAL DRAWINGS AND SPECS.
- SUBMIT PHYSICAL SAMPLES OF ALL EXTERIOR FINISHES TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
- SIGNAGE IS SHOWN FOR REPRESENTATION PURPOSES, ACTUAL SIGNAGE CONTENT TO BE COORDINATED WITH OWNER.
- ILLUMINATED SIGNS ATTACHED TO BUILDING ARE TO BE PROVIDED AND INSTALLED BY AN OWNER APPROVED VENDOR, FIRED BY G.C. VENDOR TO SUBMIT APPLICATION TO CITY FOR APPROVAL. SEE APPROVED SIGNAGE DRAWINGS SUBMITTED WITH PLANNING BOARD APPLICATION G.C. TO PROVIDE BLOCKING FOR MOUNTING.
- SITE AND EXTERIOR BUILDING MOUNTED LIGHTING SHALL BE DESIGNED WITH NON-GLARE FEATURES, WHICH PROVIDE INTERNAL SHIELDING TO ELIMINATE OFF-SITE GLARE AND TO LIMIT THE FOOT-CANDLE AT THE SITE PERIMETER TO 0.1 FOOT CANDLES. LIGHT FIXTURES SHALL NOT EXCEED 35 FEET TO THE TOP OF THE FIXTURE.
- GLASS CURTAINWALL TO BE SUNKER, 600 SERPENTINE OR EQUAL, GLAZING TO BE SOLAR BAN 65 OPTICALLY SOLAR CONTROL LOW-E GLAZING THAT WILL ALLOW FOR 42% OF VISIBLE LIGHT TRANSMITTANCE TO PASS THROUGH.

## KEY NOTES

- O1 HOLLOW METAL DOOR - SEE SPECS.  
24 ARCHITECTURAL CANOPY - SEE SPECS.  
32 IRON FULLY APPROVED - SEE SPECS.  
35 FIRED ALUMINUM ACCESS LADDER, OSHA APPROVED - SEE SPECS.  
62 SUNSHADE - OUTDOORSHADE BLIND SYSTEM - SEE SPECS.

## EXTERIOR FINISH SCHEDULE

MARK	MATERIAL SPECIFICATION	COLOR	MANUFACTURER /SUPPLIER	IMAGE
ACM-1	ALUMINUM COMPOSITE MATERIAL	STEEL CITY SILVER MICA	-SEE SPECS.	
ACM-2	ALUMINUM COMPOSITE MATERIAL	AZURE BLUE	-SEE SPECS.	
CMU-1	8" HIGH SPLIT FACE CMU WALL WITH HORIZONTAL & VERT REINFORCING - SEE STRUCT. DWGS FOR REINFORCING & SPECS - SEE WALL TYPE FOR INSULATION	LIGHT GRAY	-SEE SPECS.	
CMU-2	8" HIGH SMOOTH FACED CMU WALL WITH HORIZONTAL & VERT REINFORCING - SEE STRUCT. DWGS FOR REINFORCING & SPECS - SEE WALL TYPE FOR INSULATION	DARK GRAY	-SEE SPECS.	
CW-1	CURTAIN WALL	ANODIZED ALUMINUM CURTAINWALL W/ SOLARBAN 65 LOW REFLECTANCE GLAZING	-SEE SPECS.	
GL-1	1" THK. LOW IRON CLEAR GLASS	-SEE SPECS.	-SEE SPECS.	
GP-2	SPANDREL GLASS PANEL	-SEE SPECS.	-SEE SPECS.	
TG	6" ALUMINUM V-GROOVE PLANKS	-SEE SPECS.	-SEE SPECS.	

## REVISIONS:

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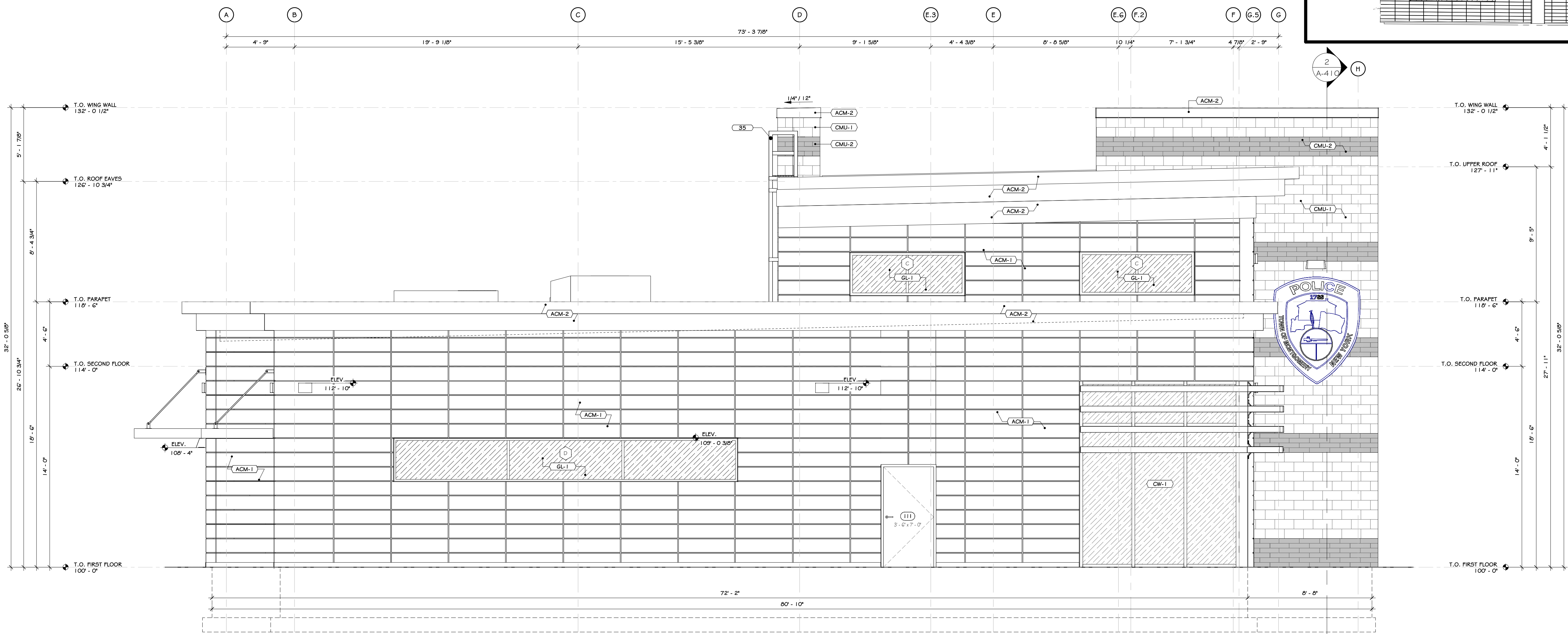
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ELEVATIONS



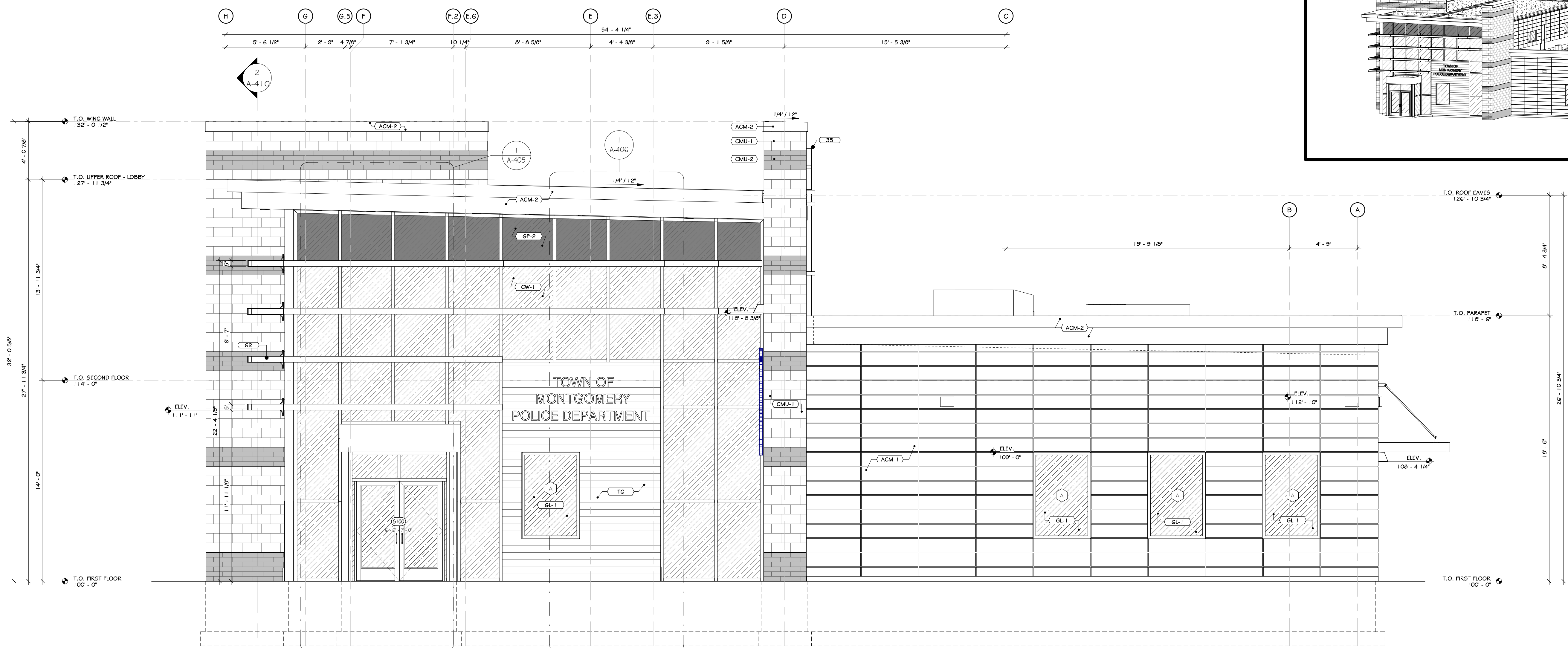
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Drawing Number:

A-300

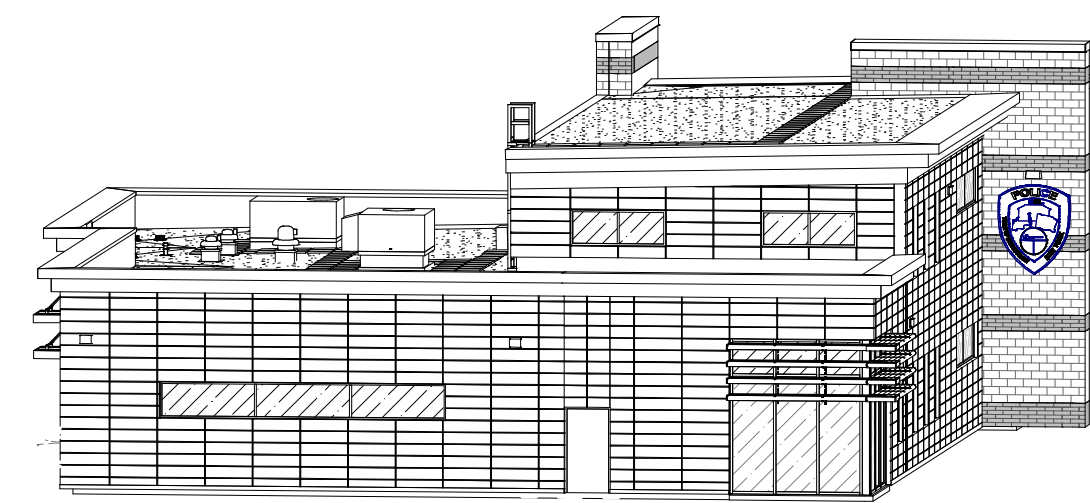




1 WEST EXTERIOR ELEVATION  
1/4" = 1'-0"



2 EAST EXTERIOR ELEVATION  
1/4" = 1'-0"



#### CONSTRUCTION NOTES

- NOTE: NOT ALL NOTES MAY APPLY.
- SIDEWALKS TO SLOPE AWAY FROM BUILDING - SEE CIVIL DWGS.
- OWNER TO SUPPLY SECURITY CAMERAS AND THEIR LOCATIONS. GC TO PROVIDE ELECTRIC AND SUBSTRATE.
- BLOCKING FOR MOUNTING ALUMINUM GLAZING TO HAVE RECESSED DRY JOINTS, OVER METAL STUDS - SEE RESPECTIVE TYPES.
- G.C. AND GC RESPONSIBLE FOR COORDINATING JUNCTION BOX, POWER, BLOCKING PRIOR TO INSTALLATION OF INTERIOR OR EXTERIOR HEATING AT ALL SIGNAGE, EXTERIOR BUILDING LIGHTING, CAMERAS, OUTLETS, ETC. GC AND GC TO SUBMIT ONE COMPREHENSIVE COORDINATION DRAWING WITH LOCATIONS AND MOUNTING HEIGHTS SHOWN FOR EACH ITEM.
- EMERGENCY BACK-UP LIGHTING IS TO BE PROVIDED AT EACH EXIT DOOR. SEE ELECTRICAL DRAWINGS AND SPECS.
- SUBMIT PHYSICAL SAMPLES OF ALL EXTERIOR FINISHES TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING. SIGNAGE IS SHOWN FOR REPRESENTATION PURPOSES; ACTUAL SIGNAGE CONTENT TO BE COORDINATED WITH OWNER.
- ILLUMINATED SIGNS ATTACHED TO BUILDING ARE TO BE PROVIDED AND INSTALLED BY AN OWNER APPROVED CONTRACTOR, Hired BY G.C. VENDOR TO SUBMIT APPLICATION TO CITY FOR APPROVAL. SEE APPROVED SIGNAGE DRAWINGS SUBMITTED WITH PLANNING BOARD APPLICATION G.C. TO PROVIDE BLOCKING FOR MOUNTING.
- SITE AND EXTERIOR BUILDING MOUNTED LIGHTING SHALL BE DESIGNED WITH NON-GLARE FIXTURES, WHICH PROVIDE INTERNAL SHIELDING TO ELIMINATE OFF-SITE GLARE AND TO LIMIT THE FOOT-CANDLES AT THE SITE PERIMETER TO 0.1 FOOT-CANDLES. LIGHT FIXTURES SHALL NOT EXCEED 30 FEET TO THE TOP OF THE FIXTURE.
- GLAZED CURTAINWALL TO BE LAMINATE 1600 SERIES OR EQUAL. GLAZING TO BE SQUARE PAN GLASS. OPTICALLY SOLAR CONTROL LOW-E GLAZING THAT WILL ALLOW FOR 40% OF VISIBLE LIGHT TRANSMITTANCE TO PASS THROUGH.

#### KEY NOTES

- 35 FIXED ALUMINUM ACCESS LADDER, OSHA APPROVED - SEE SPECS.  
62 SUNSHADE - OUTRIGGER/SINGLE BLADE SYSTEM - SEE SPECS.

#### EXTERIOR FINISH SCHEDULE

MARK	MATERIAL SPECIFICATION	COLOR	MANUFACTURER / SUPPLIER	IMAGE
ACM-1	ALUMINUM COMPOSITE MATERIAL	STEEL CITY SILVER MICA	-SEE SPECS.	
ACM-2	ALUMINUM COMPOSITE MATERIAL	AZURE BLUE	-SEE SPECS.	
CMU-1	6" HIGH SPLIT FACE CMU WALL WITH HORIZONTAL V-VEE REINFORCING - SEE STREET DWGS FOR REINFORCING & SPECS - SEE WALL TYPE FOR INSULATION	LIGHT GRAY	-SEE SPECS.	
CMU-2	4" HIGH SMOOTH FACED CMU WALL WITH HORIZONTAL V-VEE REINFORCING - SEE STREET DWGS FOR REINFORCING & SPECS - SEE WALL TYPE FOR INSULATION	DARK GRAY	-SEE SPECS.	
CW-1	CURTAIN WALL	ANODIZED ALUMINUM CURTAINWALL W/ SOLARBAN 65 LOW REFLECTANCE GLAZING	-SEE SPECS.	
GL-1	1" THK. LOW IRON CLEAR GLASS	-SEE SPECS.	-SEE SPECS.	
GF-2	SPANDREL GLASS PANEL	-SEE SPECS.	-SEE SPECS.	
TG	6" ALUMINUM V-GROOVE PLANKS	-SEE SPECS.	-SEE SPECS.	

#### REVISIONS:

NUM.	DATE	DESCRIPTION

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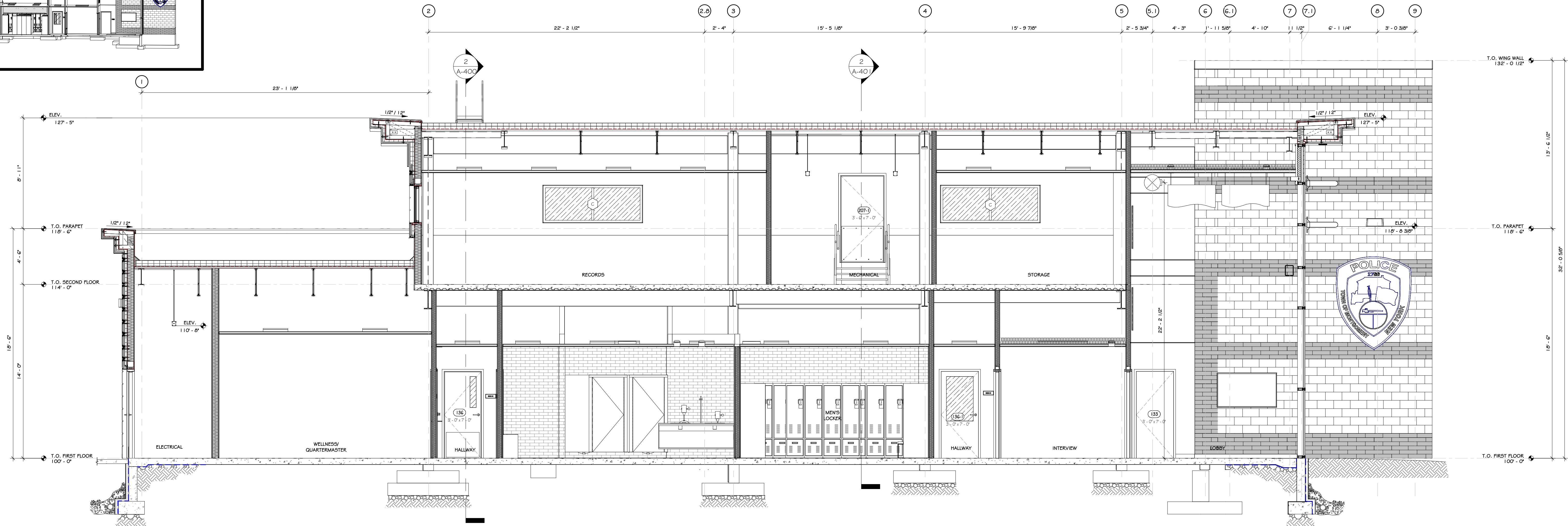
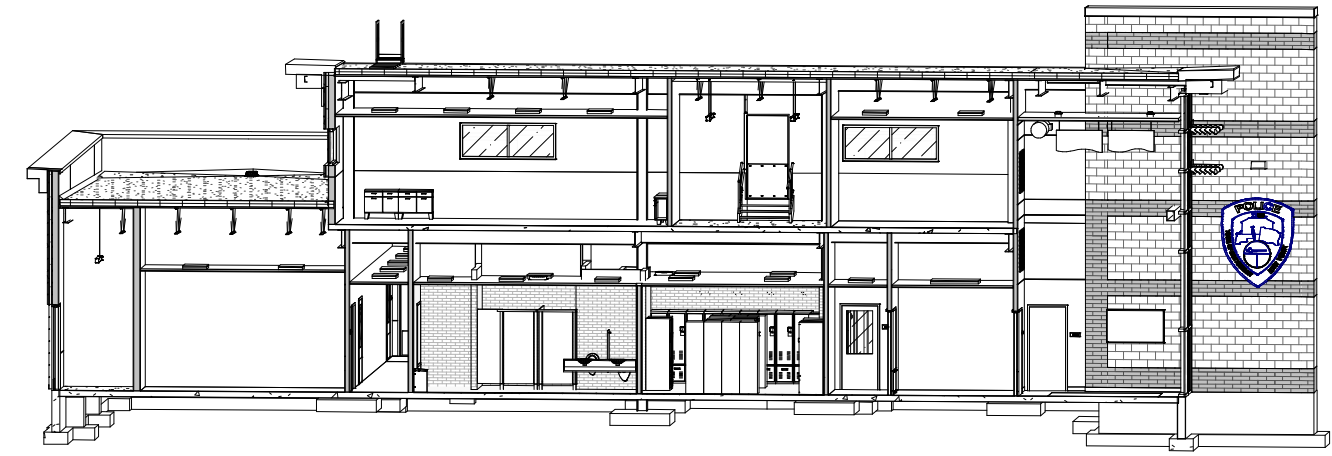
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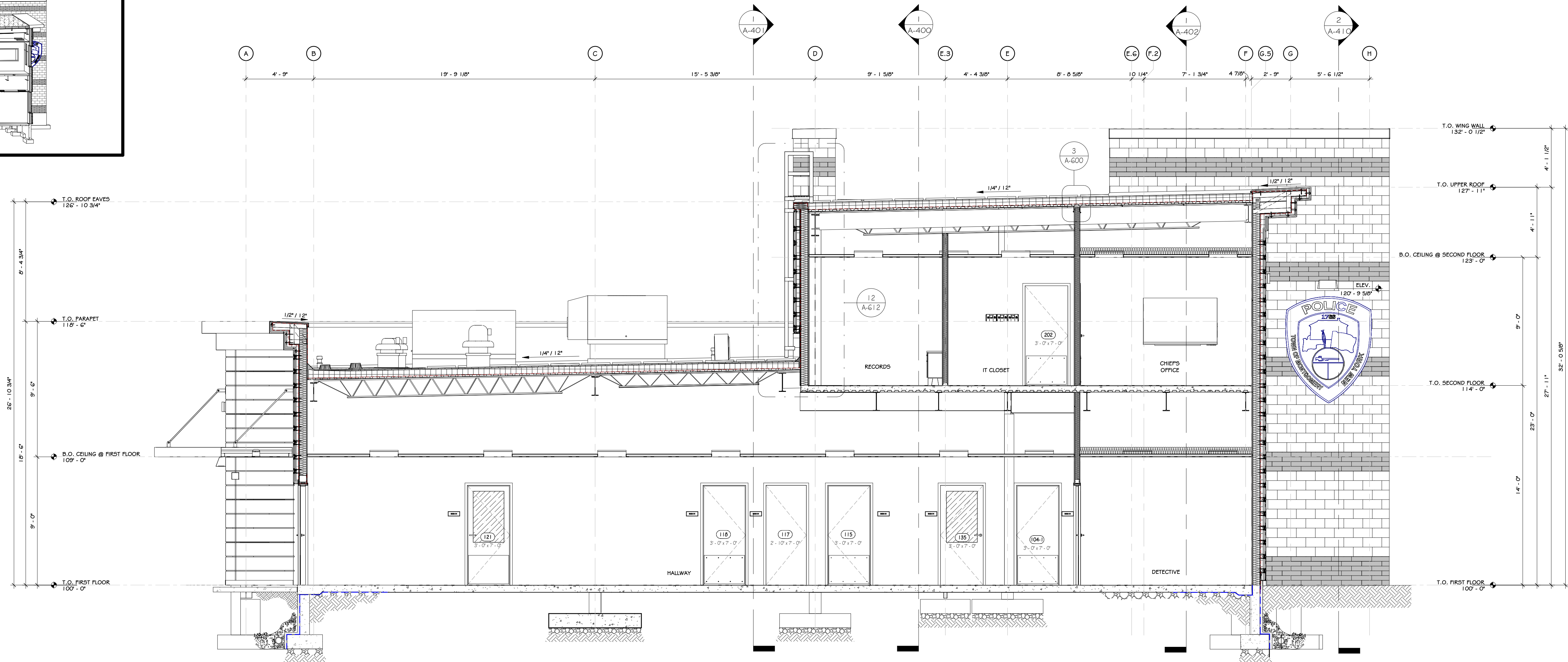
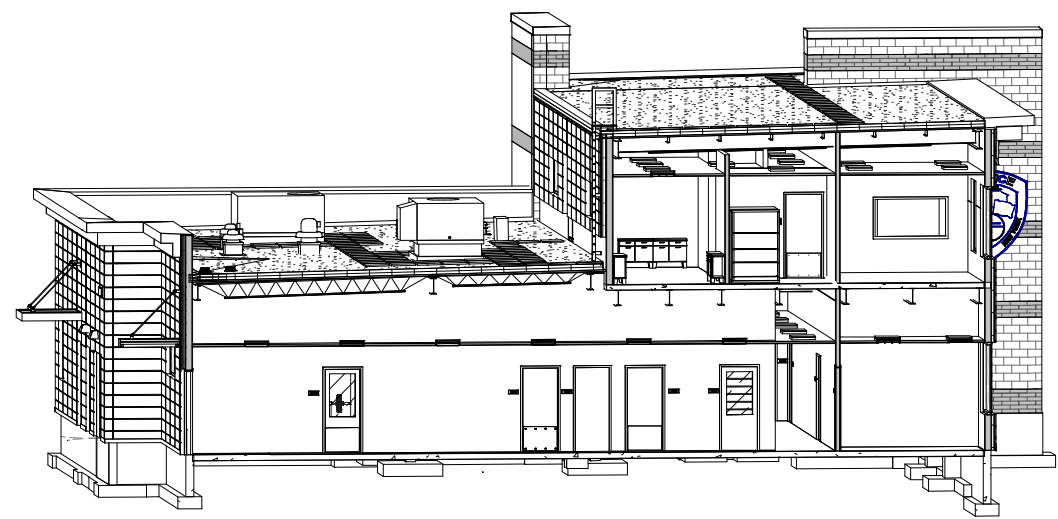
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Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-301**





1 LONGITUDINAL SECTION I  
1/4" = 1'-0"



2 CROSS SECTION I  
1/4" = 1'-0"

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PRESPECT

KEY PLAN

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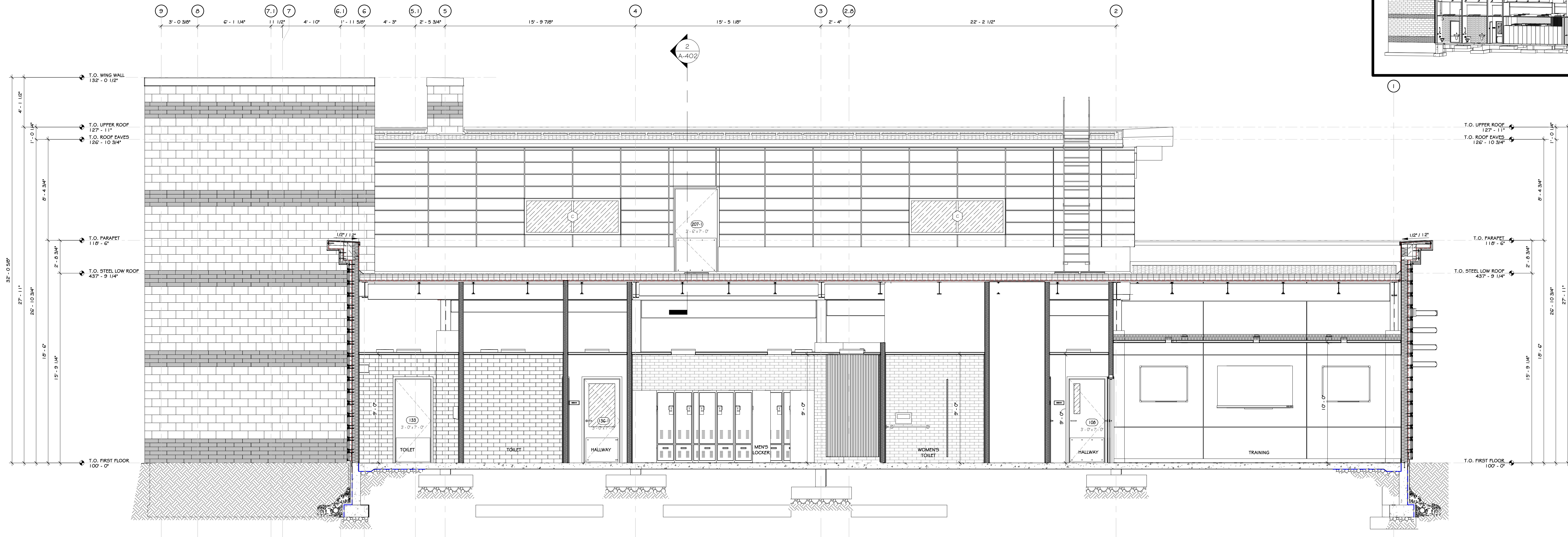
Project: TOWN OF MONTGOMERY POLICE STATION  
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Drawing: BUILDING SECTIONS

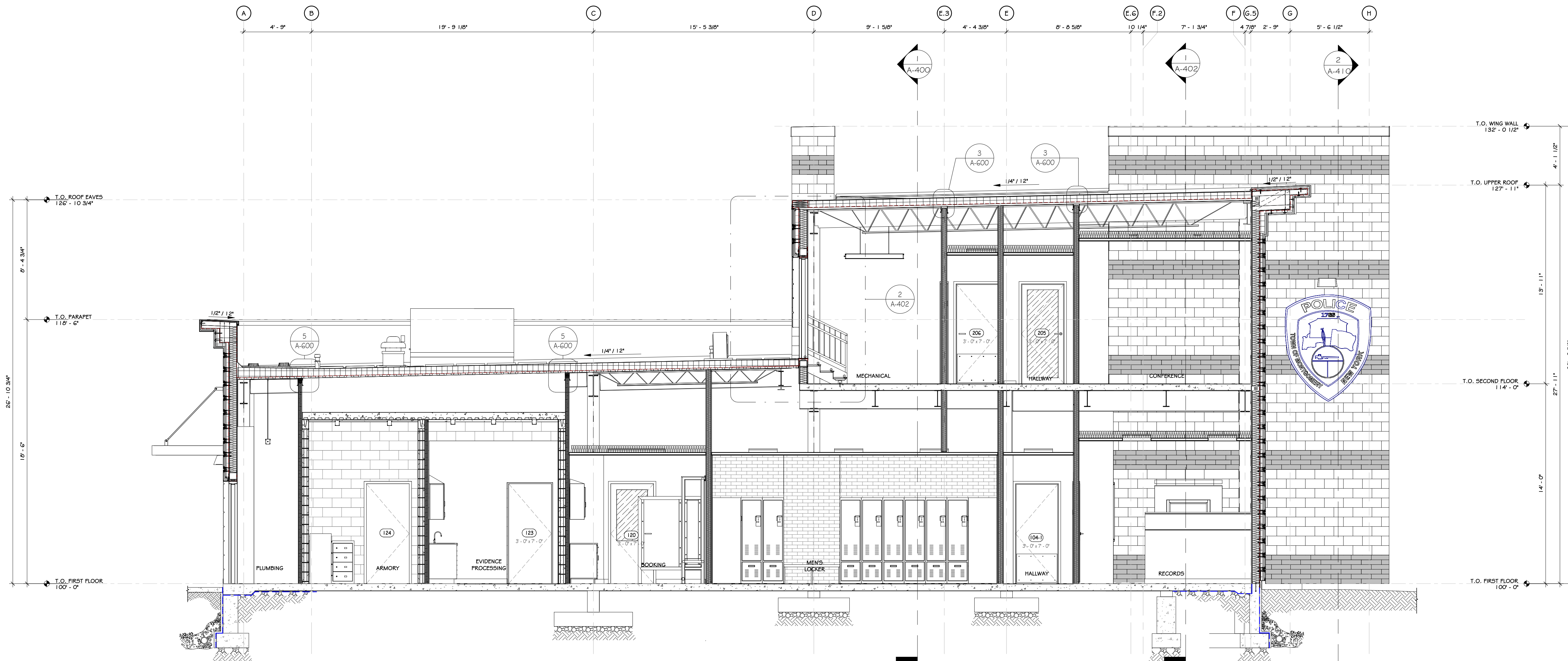


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Drawn: IDEA Scale: AS NOTED  
Drawing Number: A-400

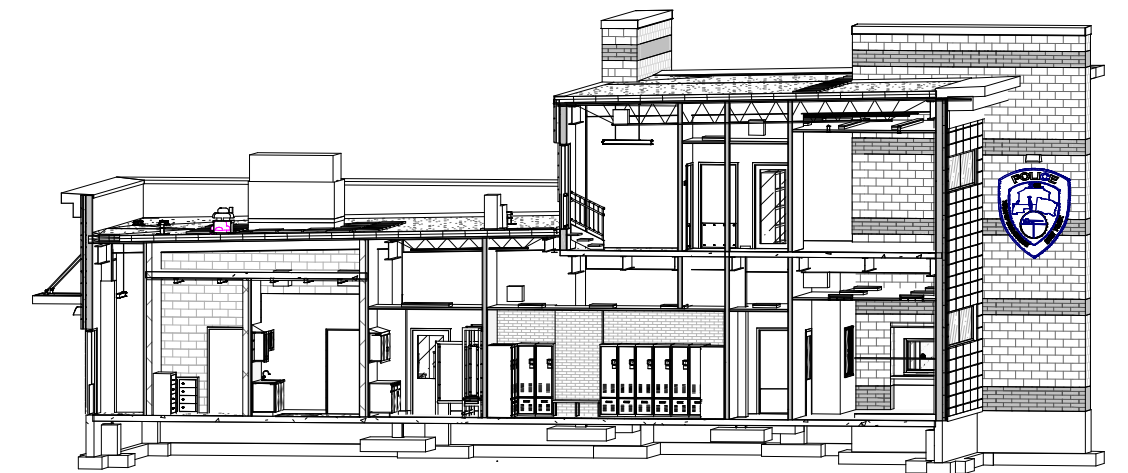




1 LONGITUDINAL SECTION 2  
1/4" = 1'-0"

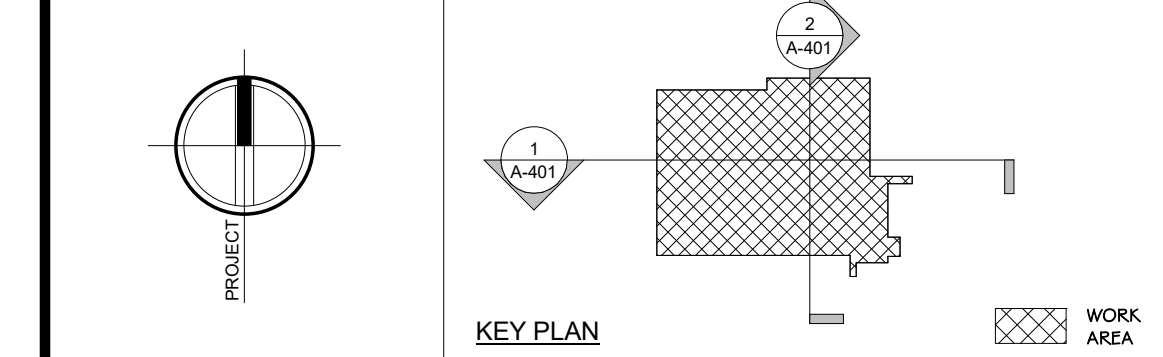


2 CROSS SECTION 2  
1/4" = 1'-0"



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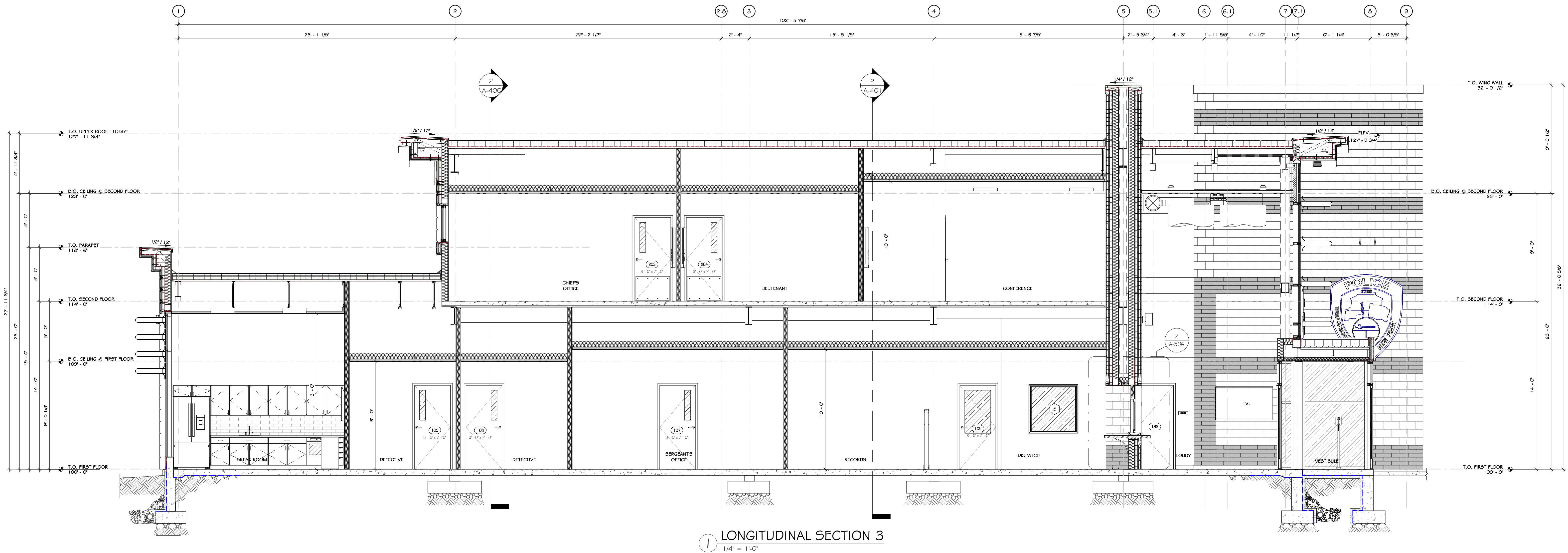
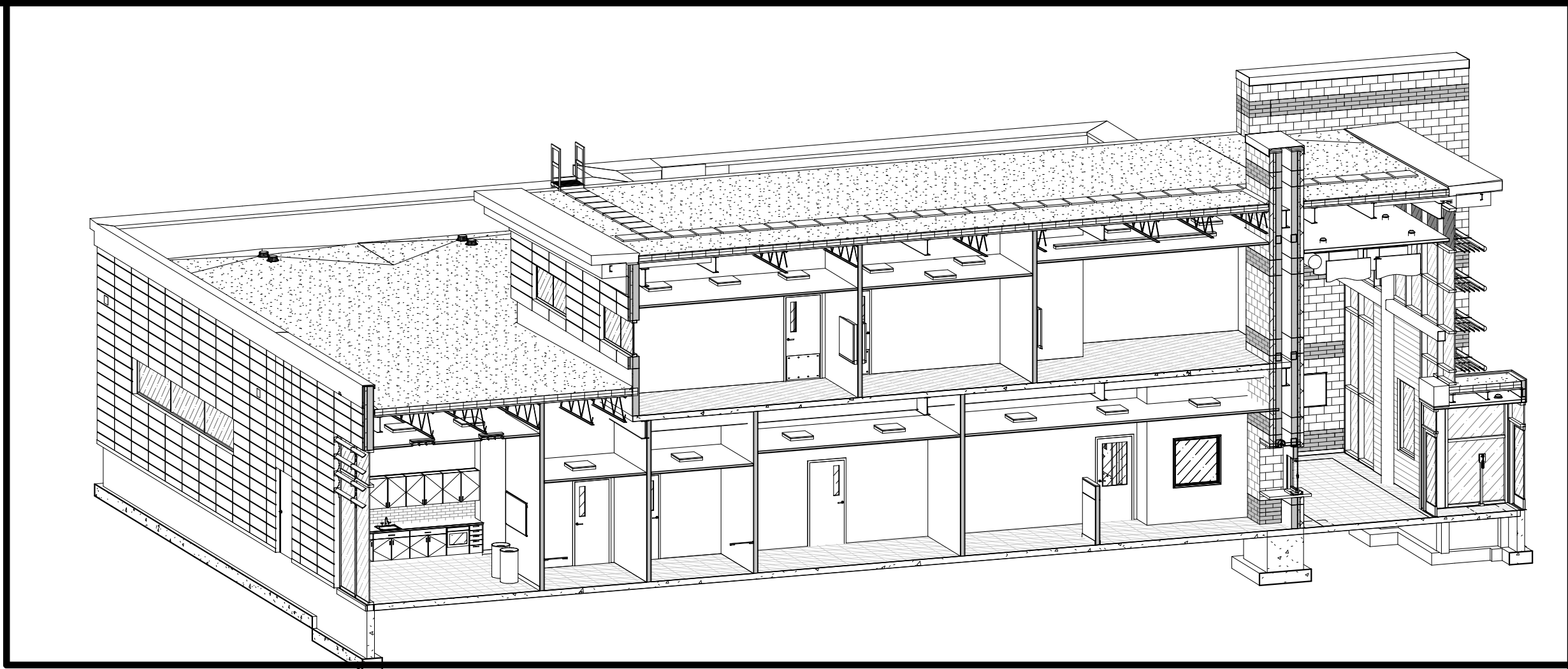
Drawing: BUILDING SECTIONS



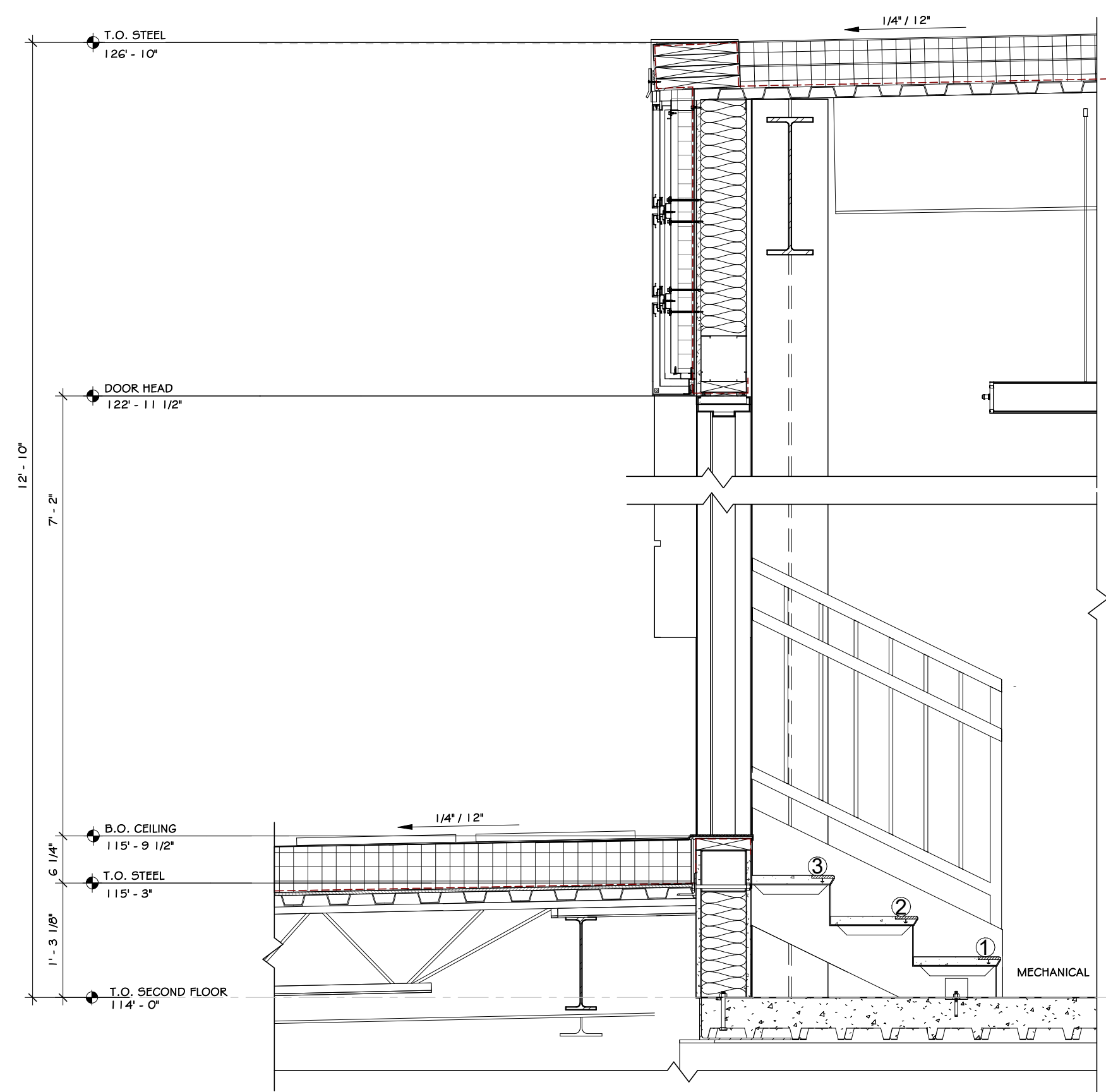
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Drawing Number:

A-401

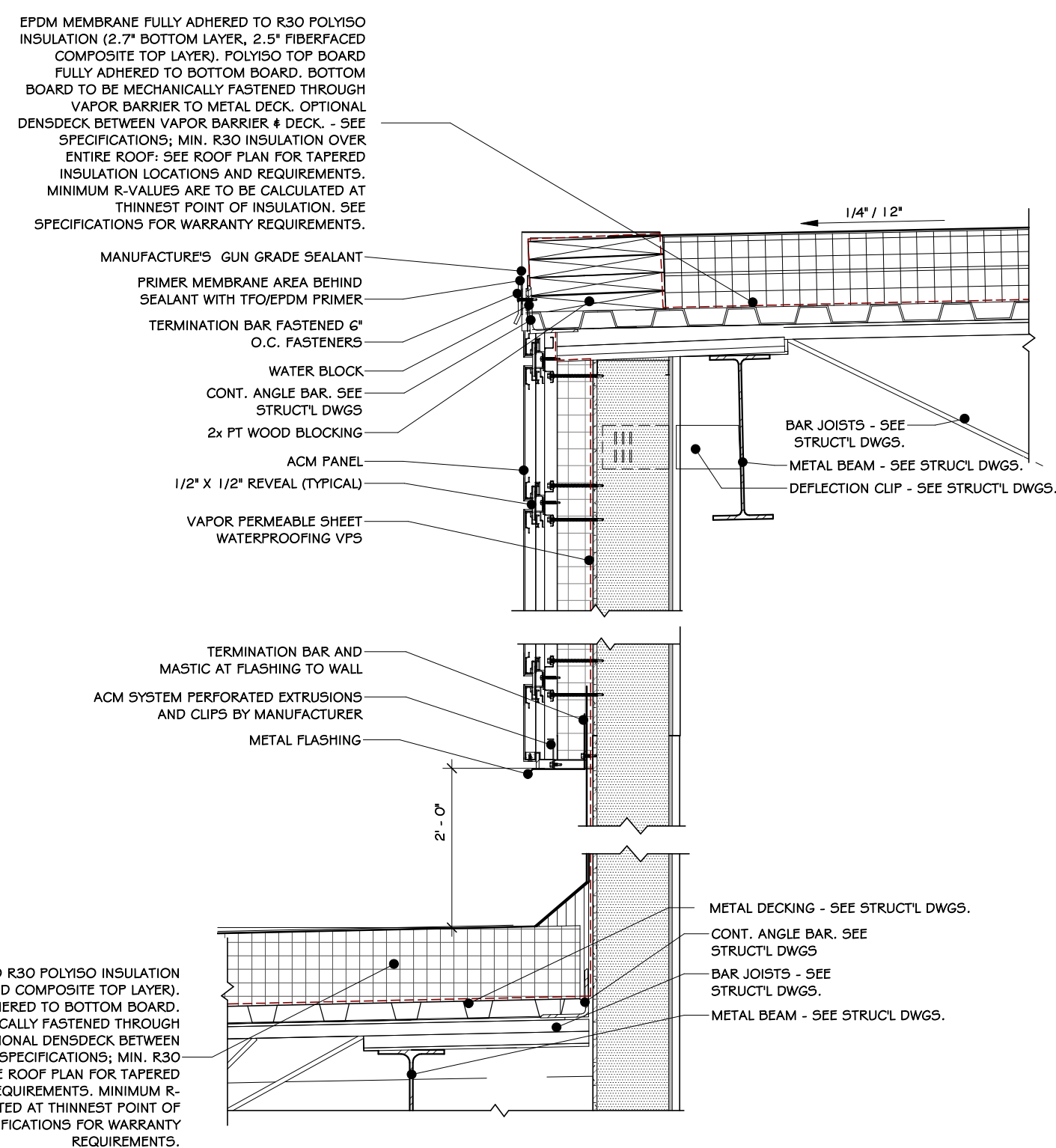




1 LONGITUDINAL SECTION 3  
1/4" = 1'-0"



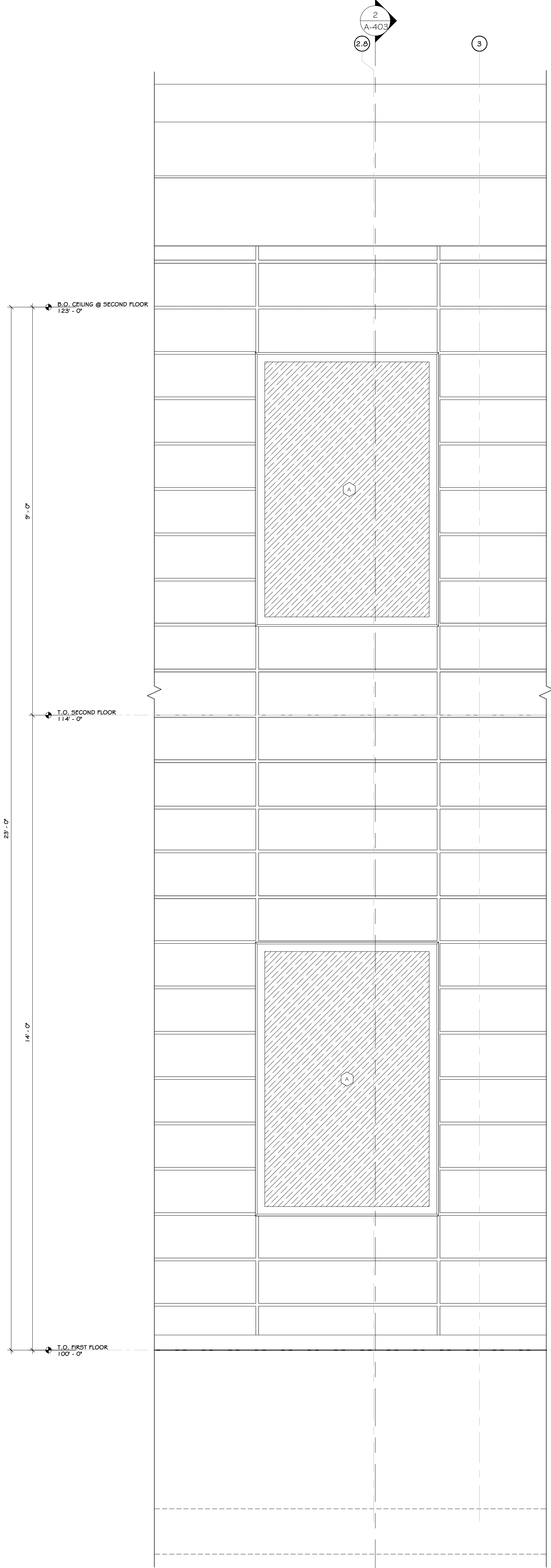
2 WALL PARTIAL SECTION @ ROOF ACCESS  
3/4" = 1'-0"



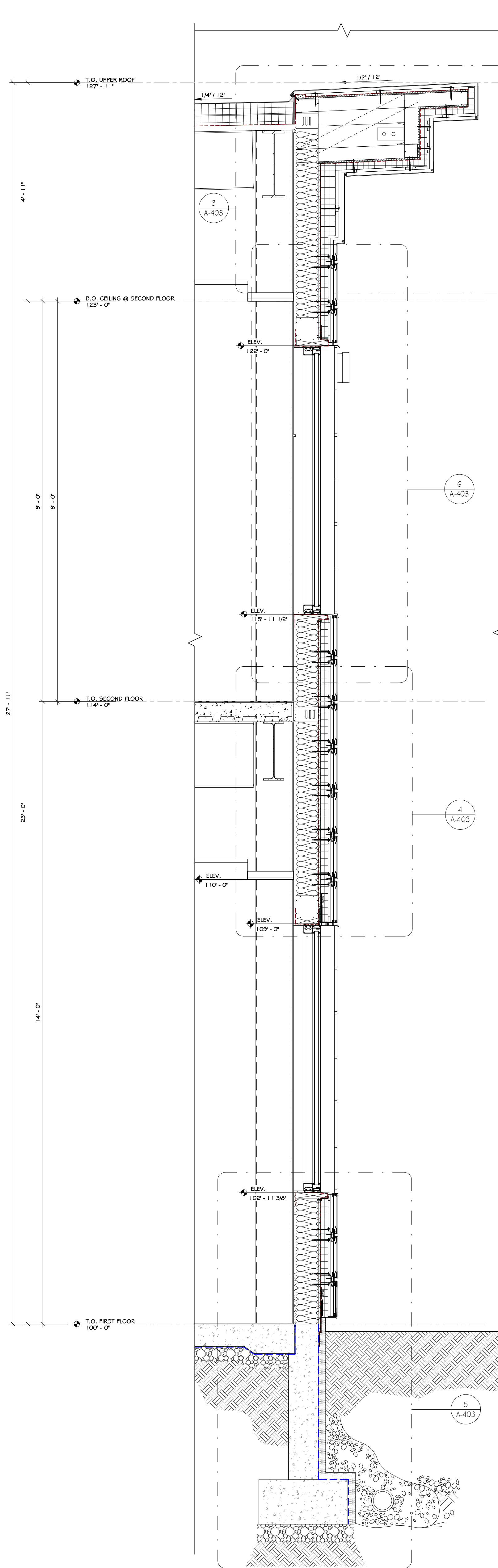
3 EPDM ROOF - ACM TRANSITION DETAIL  
1" = 1'-0"

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<div><div><div><div><div>A</div><div>D</div><div>G</div></div><div>ARCHITECTS</div></div><div>25 WALLKILL AVE • MONTGOMERY • NY 12549 O. 845.294.2724   F. 888.305.6442 WWW.ADGARCHITECT.COM CONTACT@ADGARCHITECT.COM ARCHITECTURE • PLANNING • INTERIORS</div></div></div>		
Project: TOWN OF MONTGOMERY POLICE STATION 106 BRACKEN ROAD MONTGOMERY, NEW YORK 12549		
Drawing: BUILDING SECTIONS		
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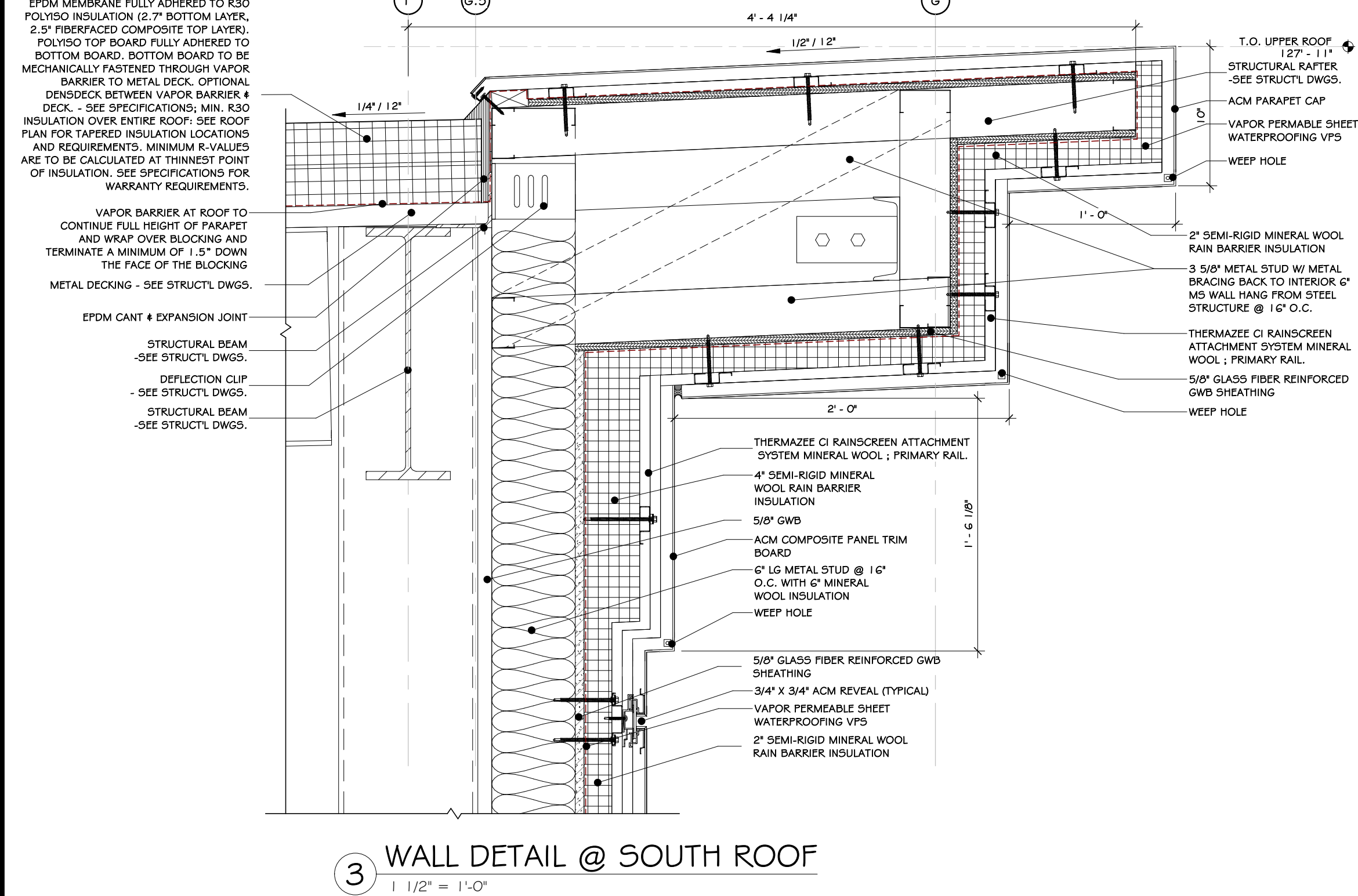




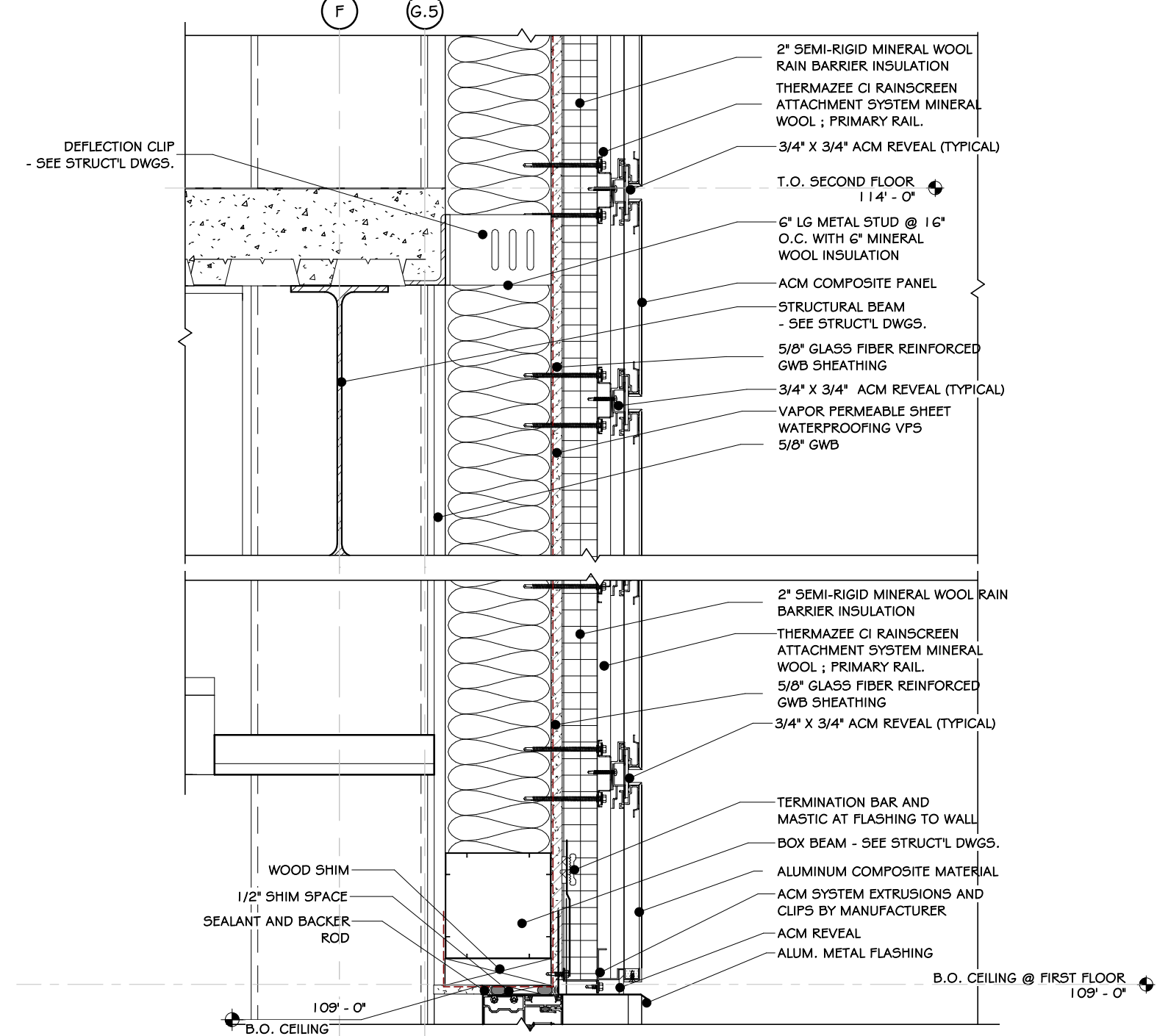
1 SOUTH WALL ELEVATION  
3/4" = 1'-0"



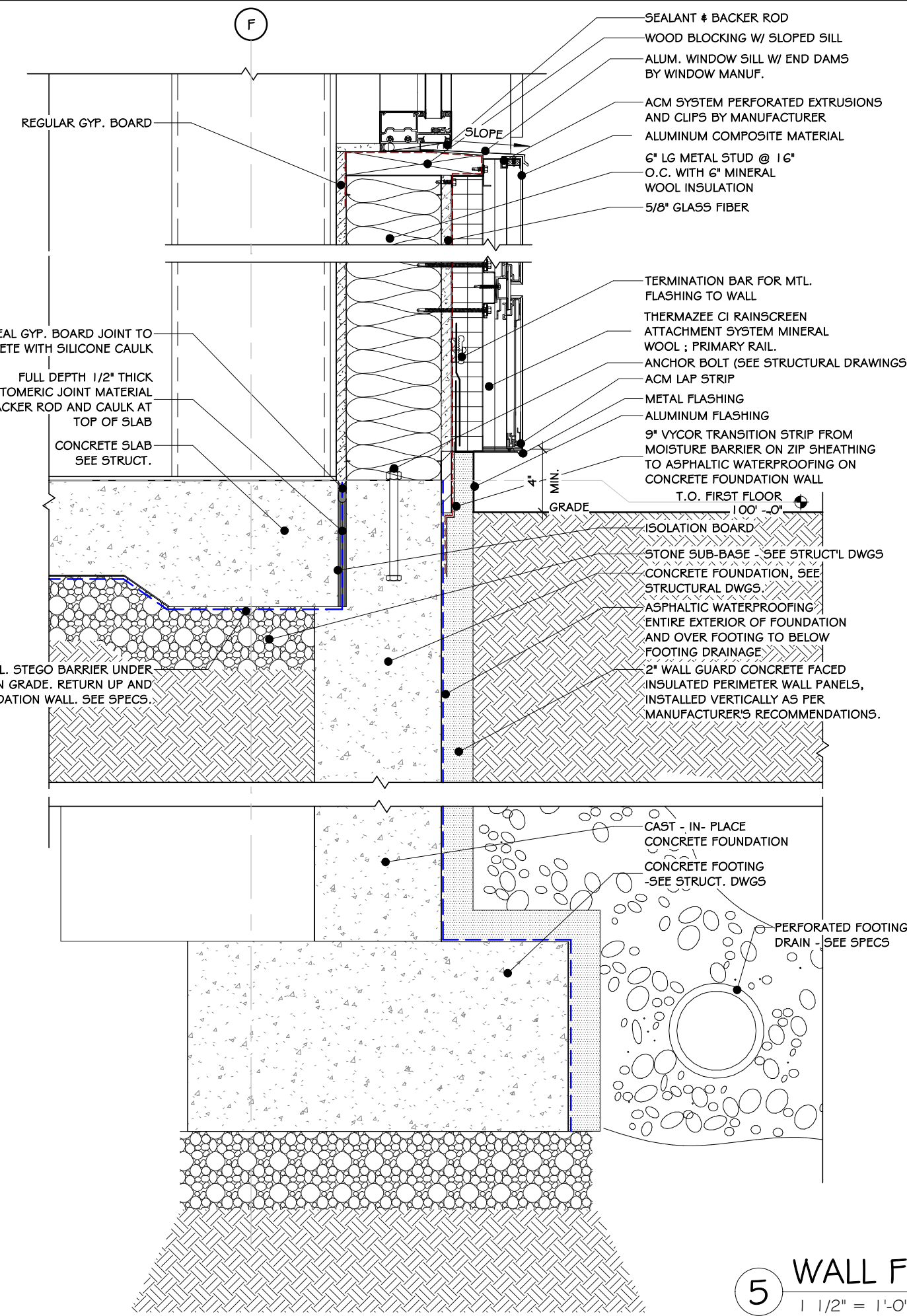
2 SOUTH WALL SECTION  
3/4" = 1'-0"



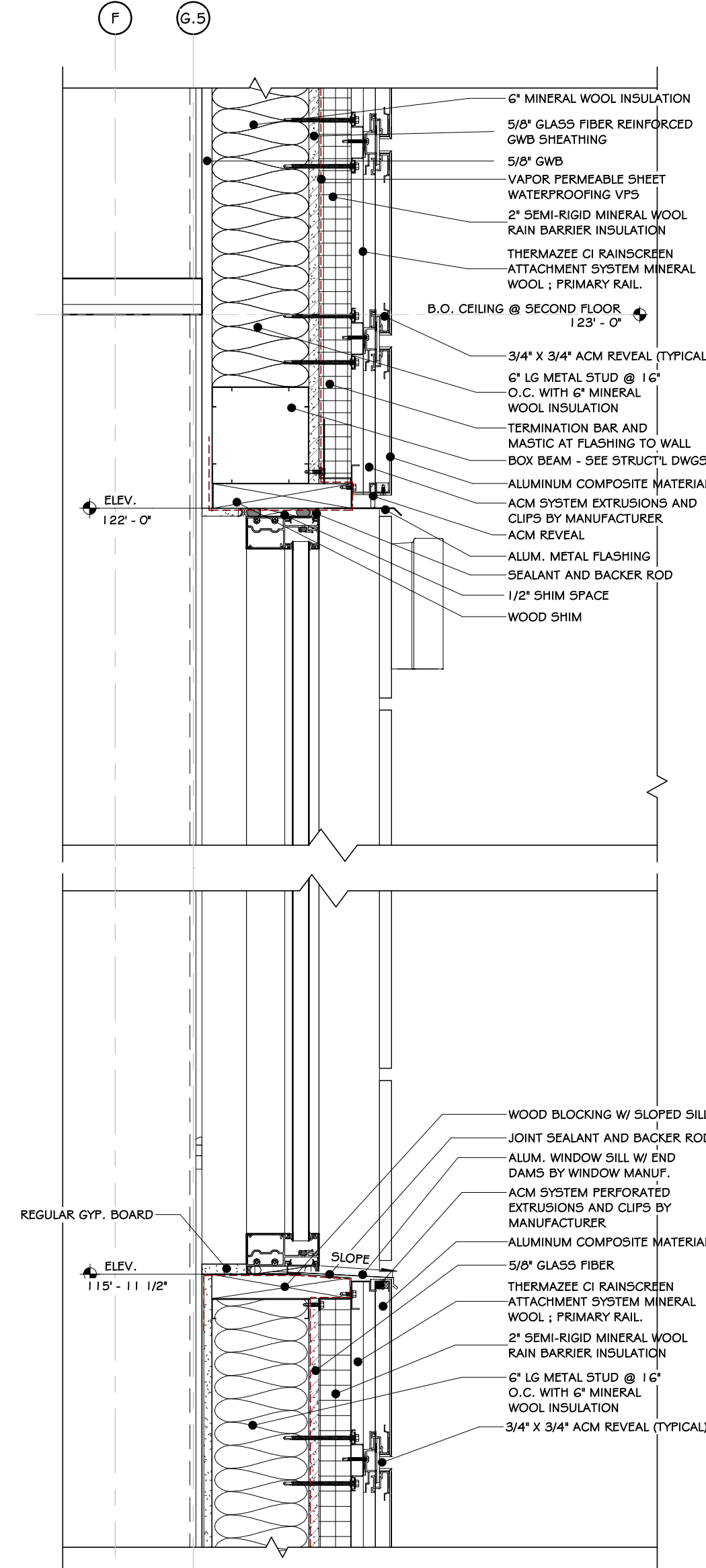
3 WALL DETAIL @ SOUTH ROOF  
1 1/2" = 1'-0"



4 WALL DETAIL @ SOUTH ROOF EAVES  
1 1/2" = 1'-0"



5 WALL FOUNDATION @ SOUTH  
1 1/2" = 1'-0"

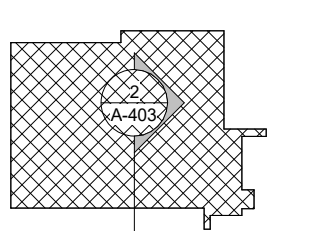
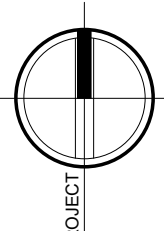


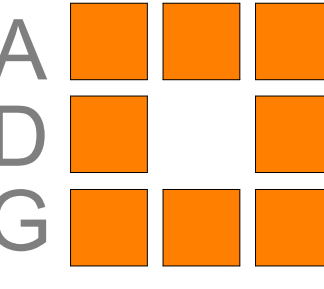
6 WALL DETAIL @ SOUTH WINDOW  
1 1/2" = 1'-0"

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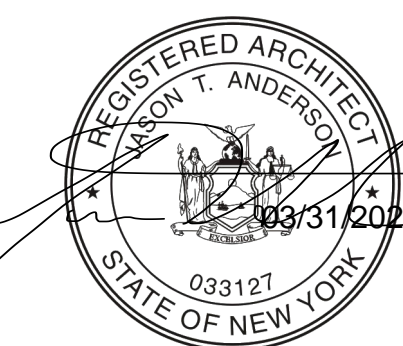




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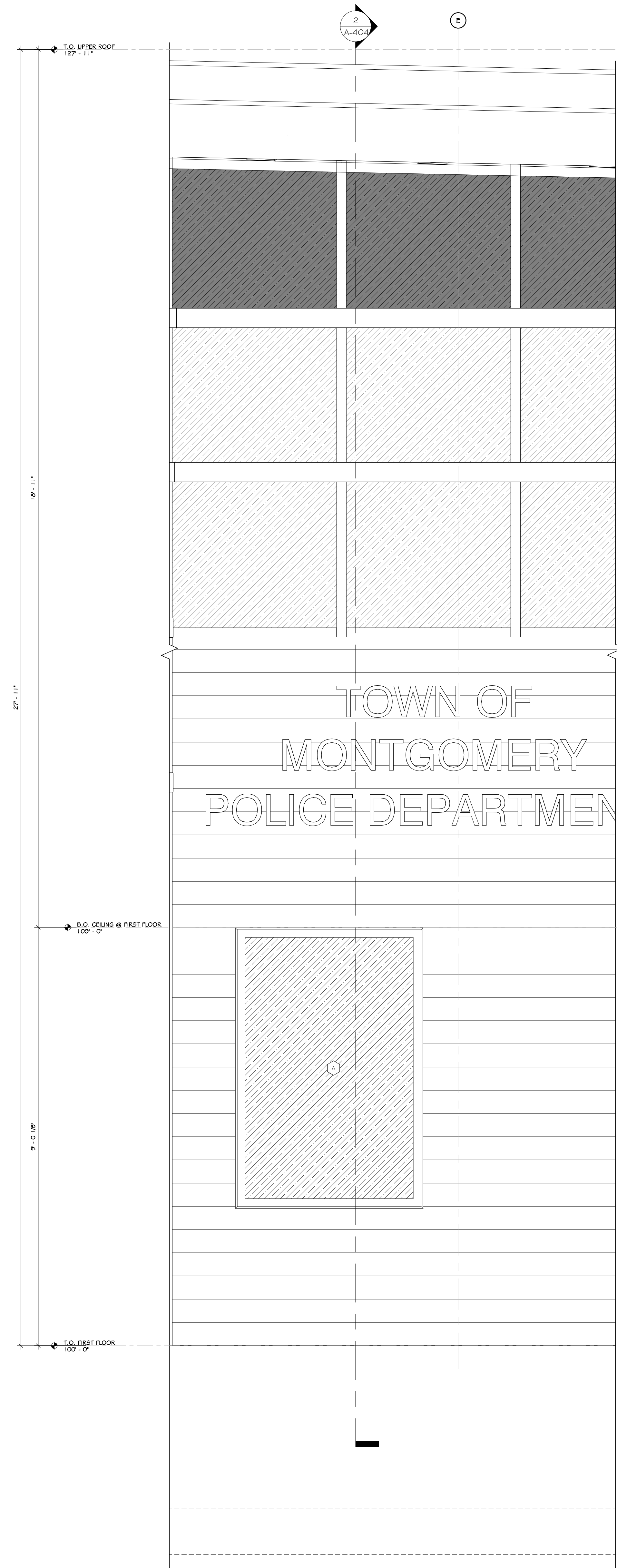
Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: SOUTH WALL SECTION & DETAILS

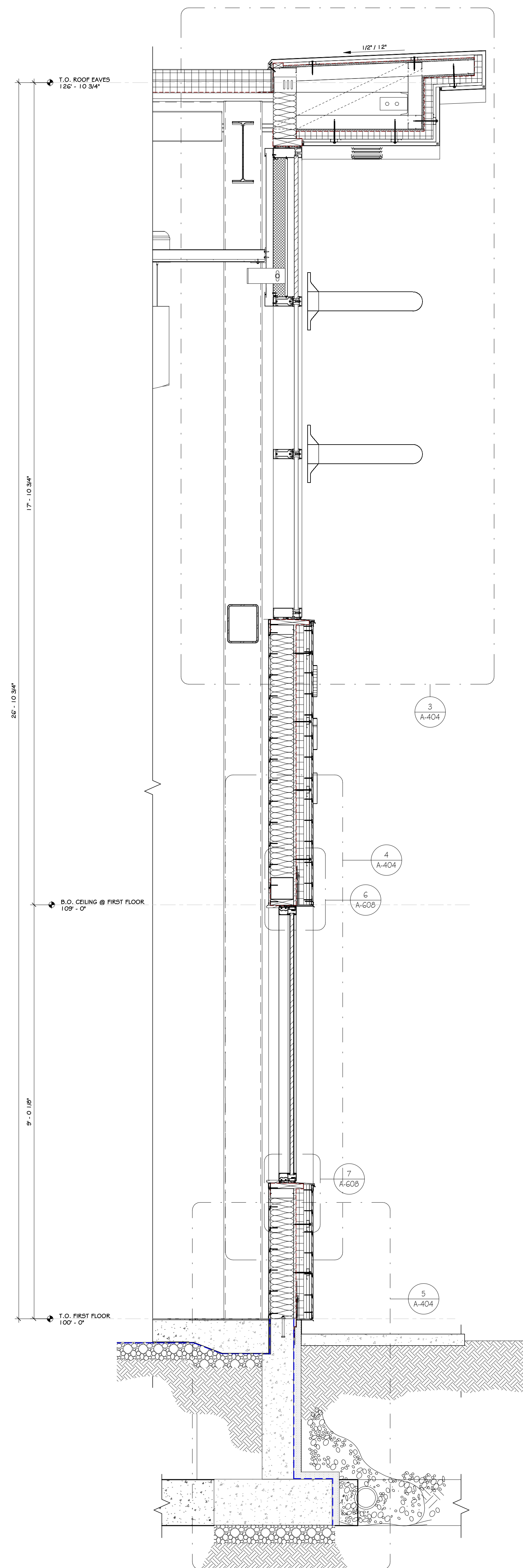


Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
A=403

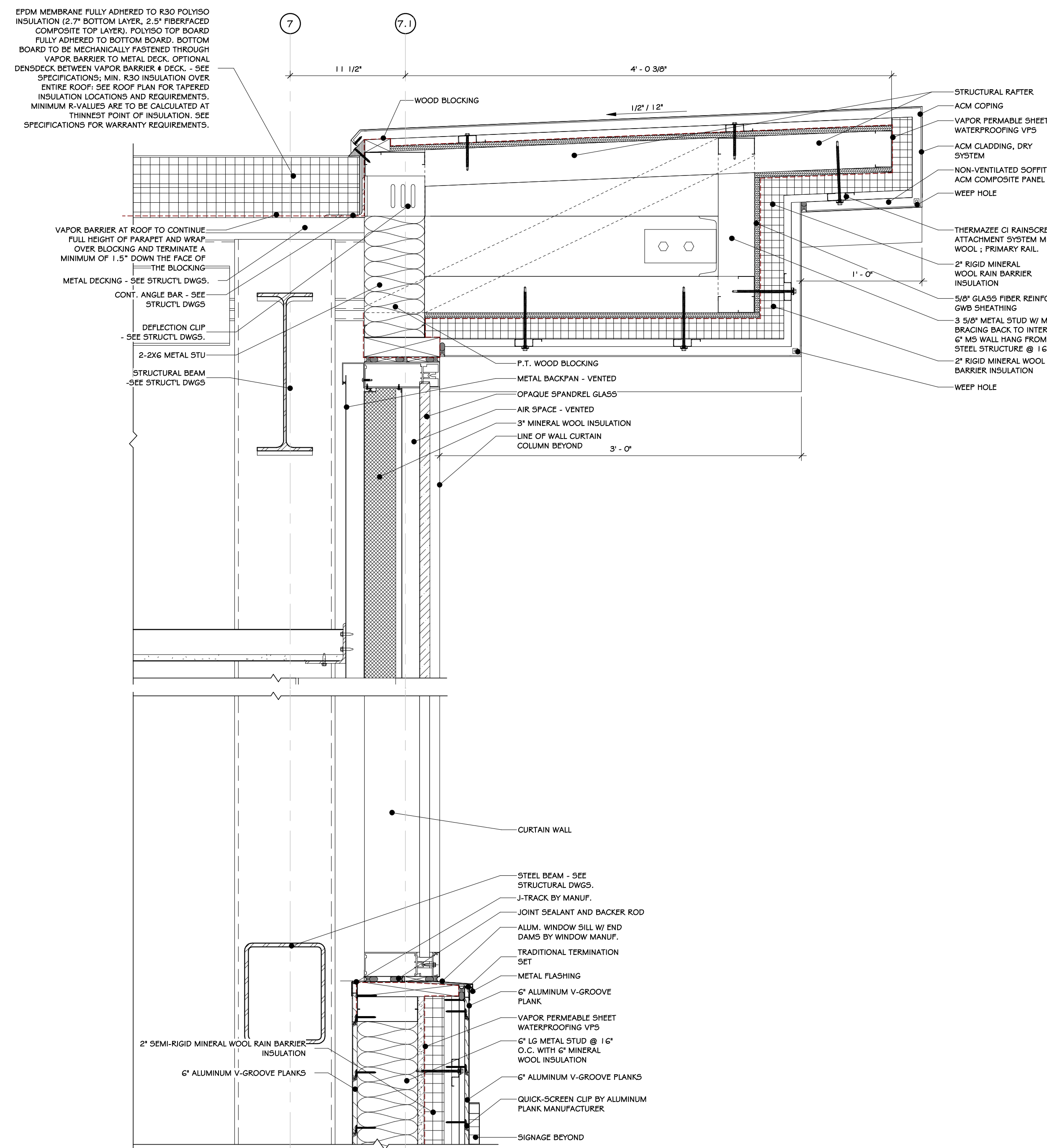




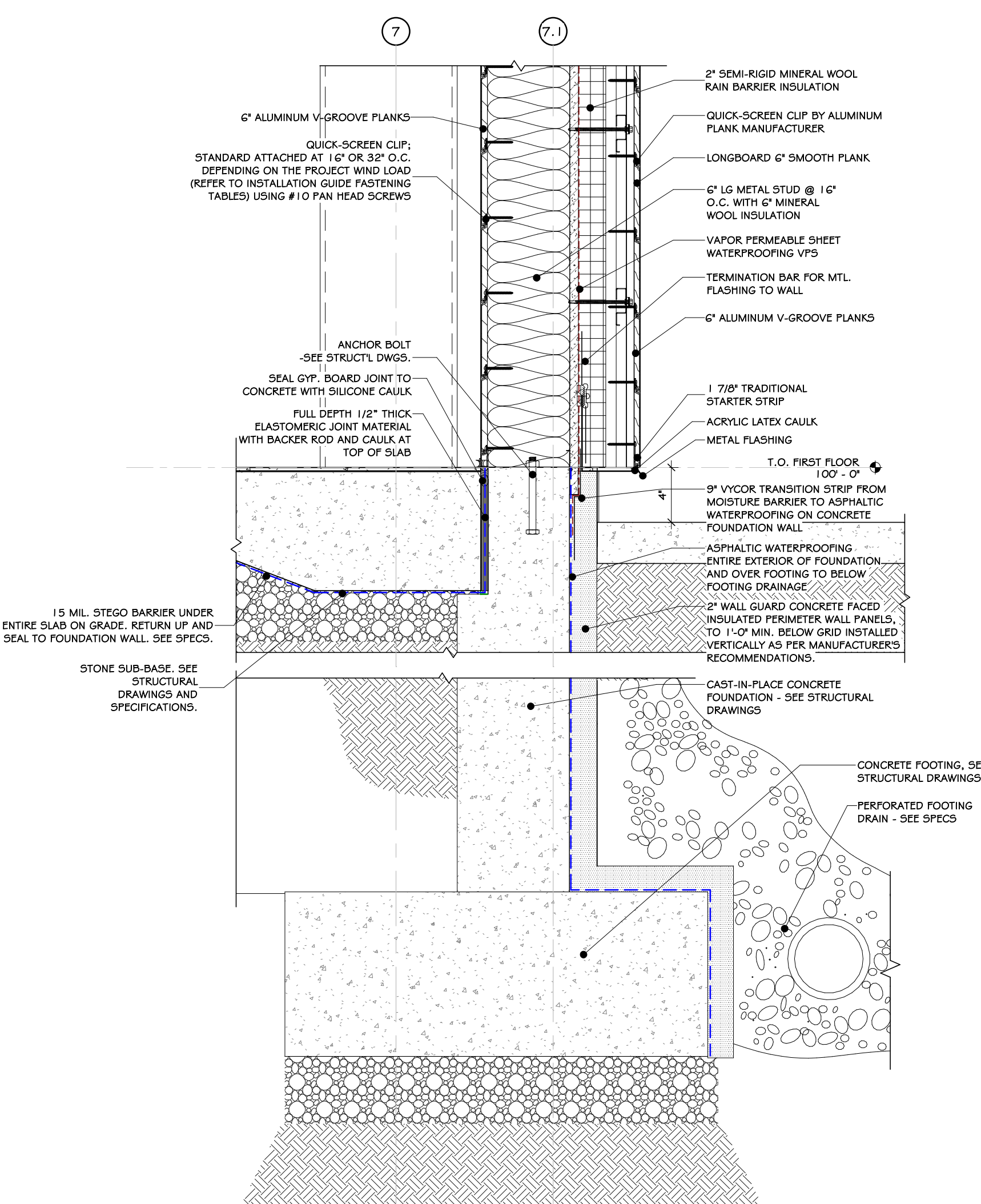
1 EAST ENTRANCE ELEVATION  
3/4" = 1'-0"



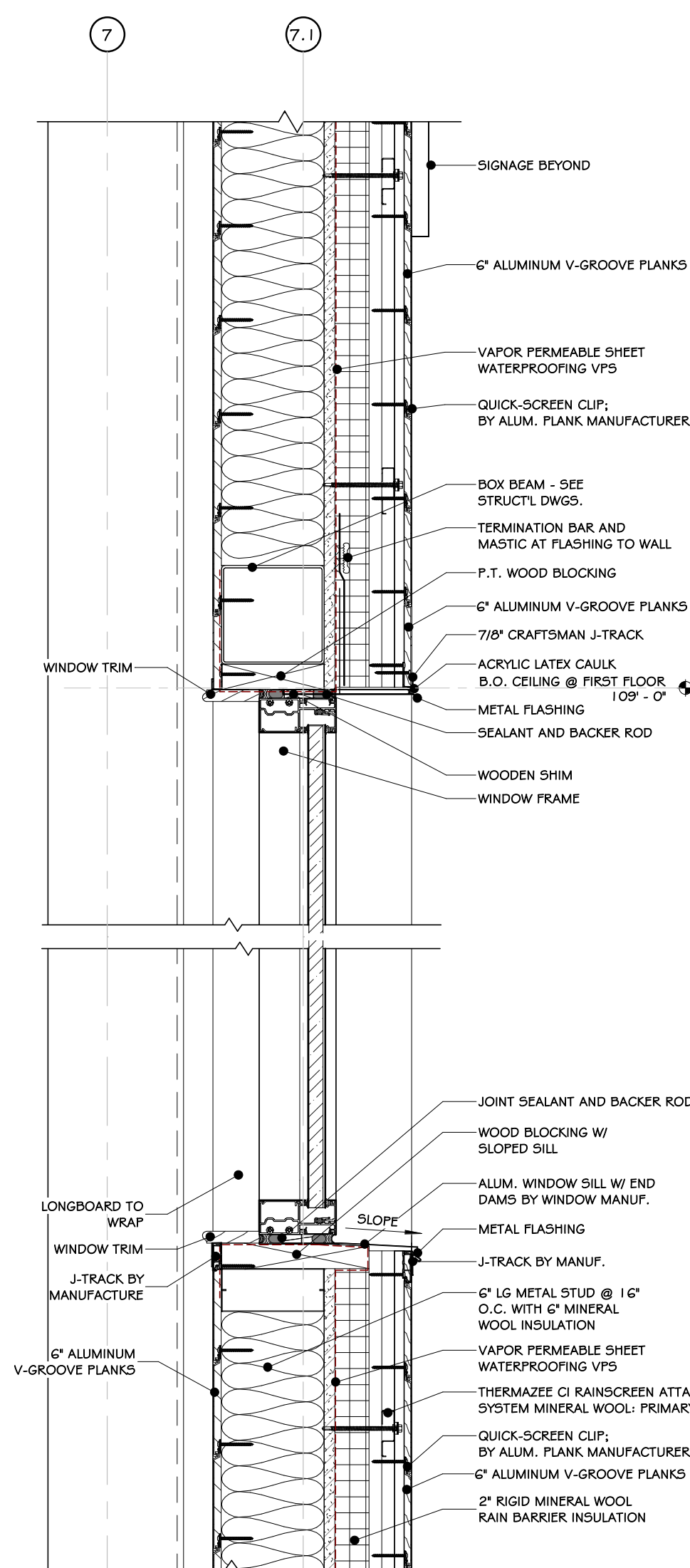
2 EAST ENTRANCE WALL SECTION  
3/4" = 1'-0"



3 WALL DETAIL @ ROOF EAVES  
1 1/2" = 1'-0"



5 EAST WALL FOUNDATION DETAIL  
1 1/2" = 1'-0"

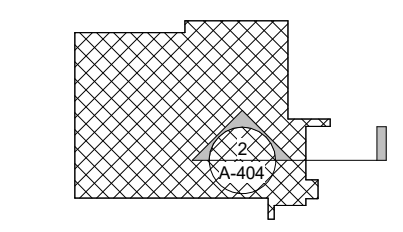
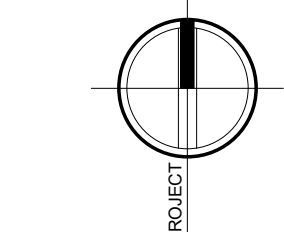


4 WALL DETAIL @ WINDOW  
1 1/2" = 1'-0"

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Drawing: EAST WALL SECTION @ SILL AND  
HEADER DETAILS



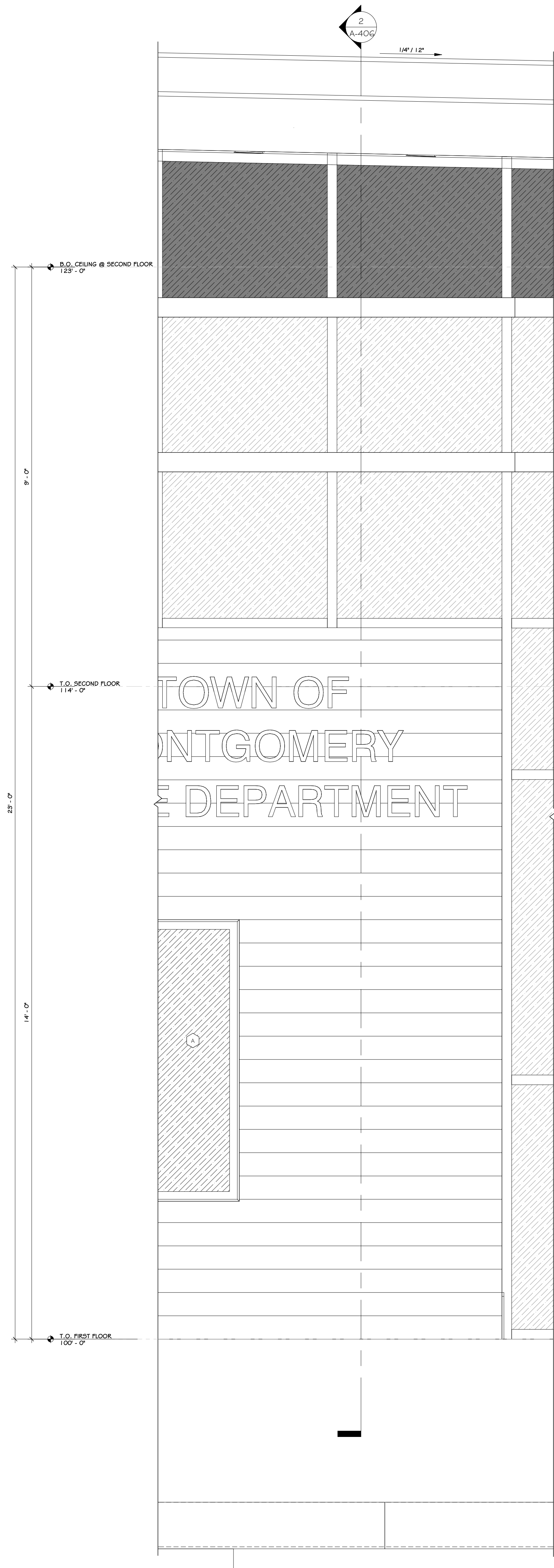
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Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
A-404



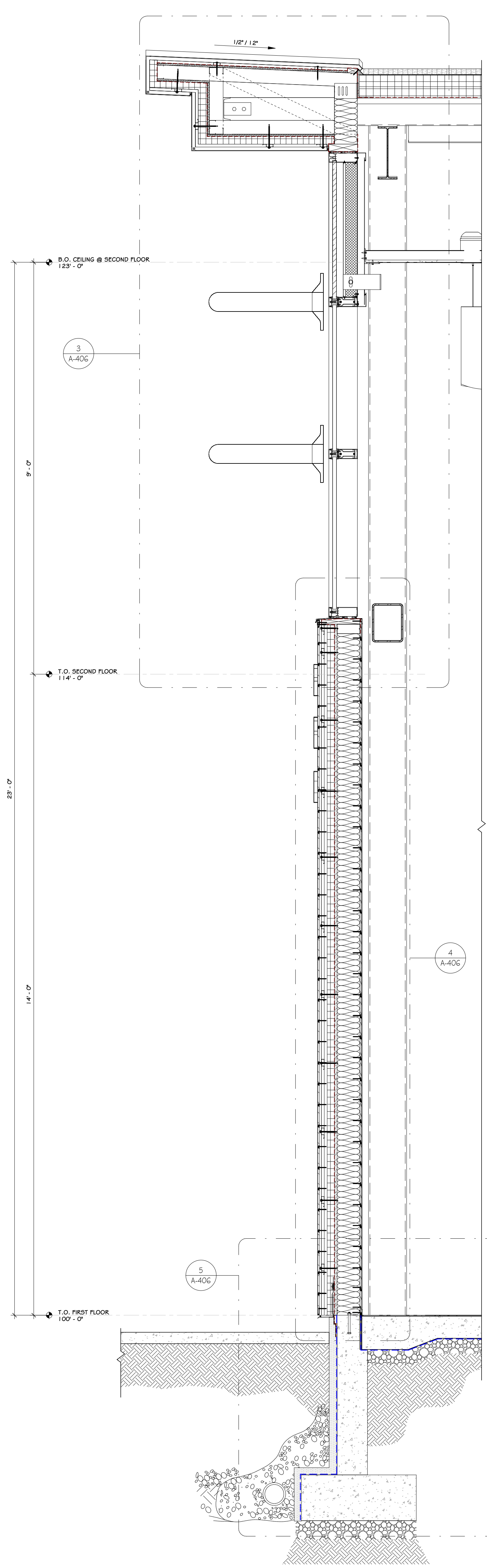


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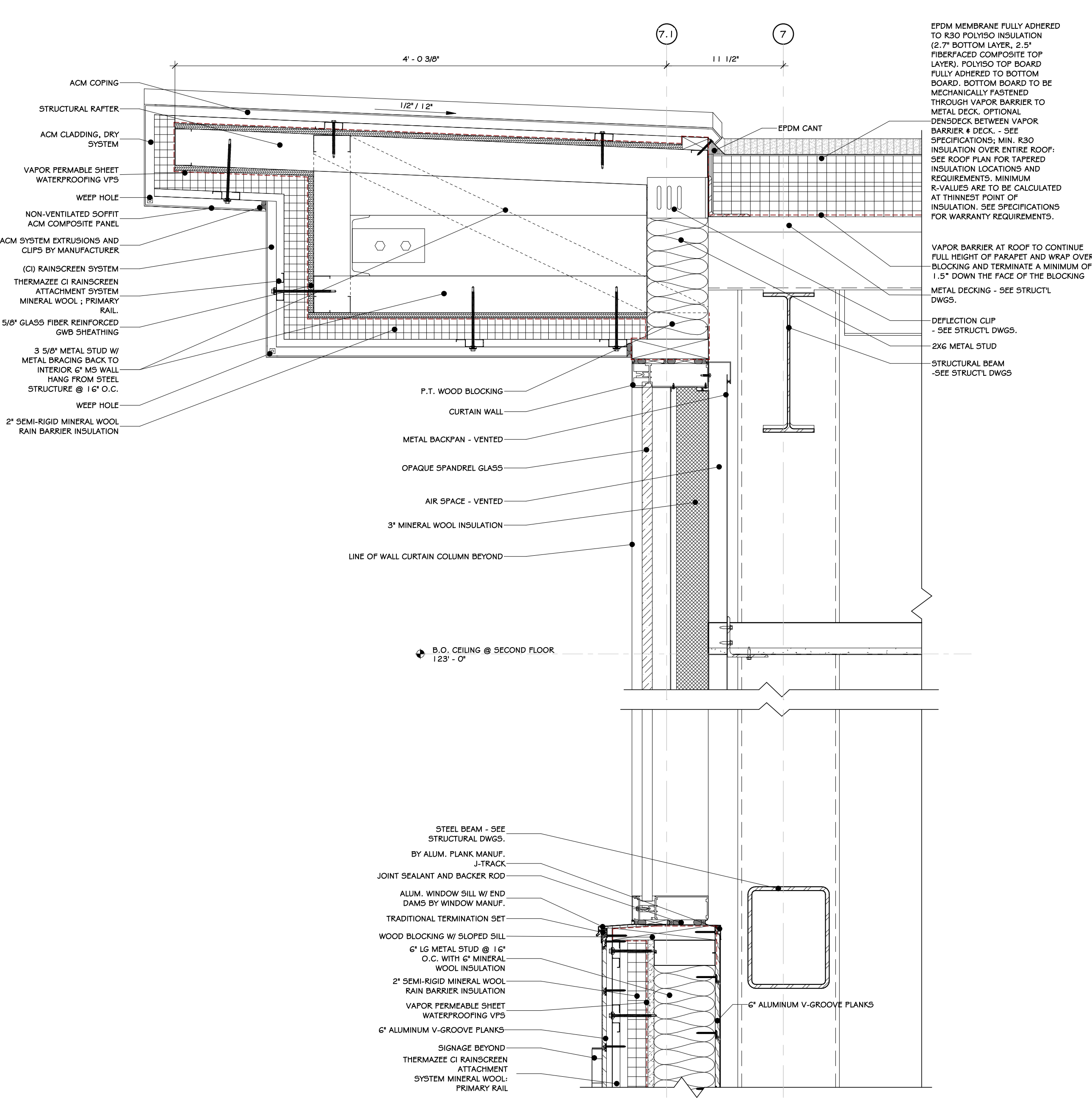




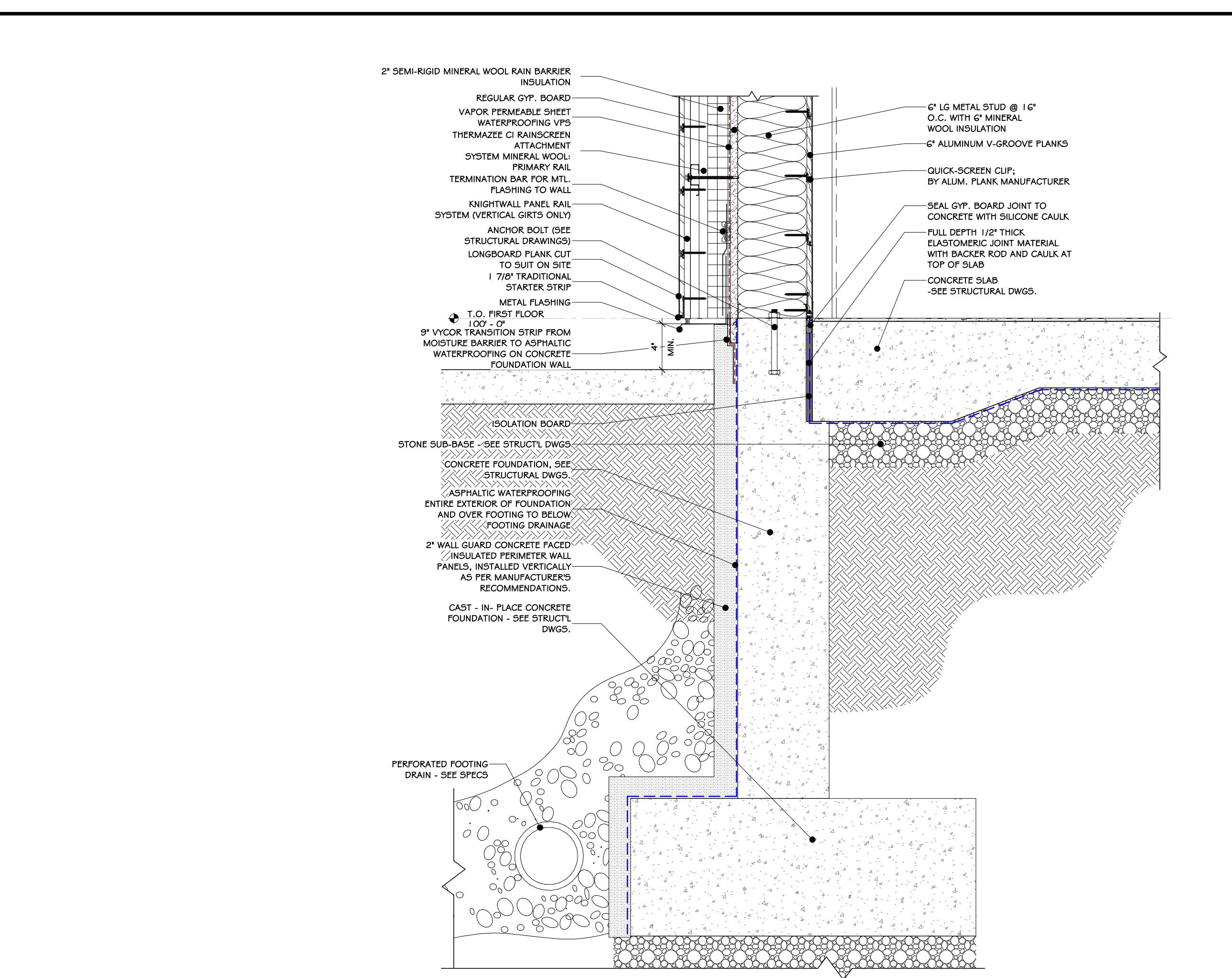
1 EAST WALL ELEVATION  
3/4" = 1'-0"



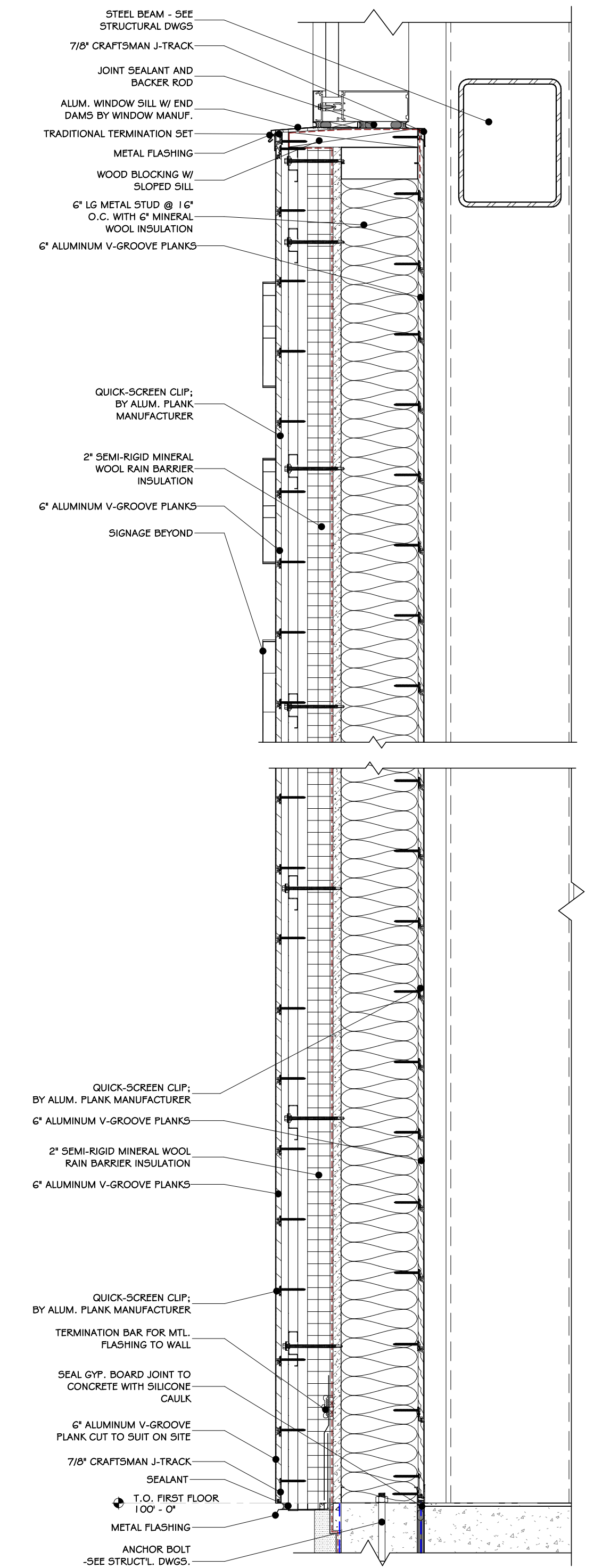
2 EAST WALL SECTION  
3/4" = 1'-0"



3 WALL DETAIL @ ROOF  
1 1/2" = 1'-0"



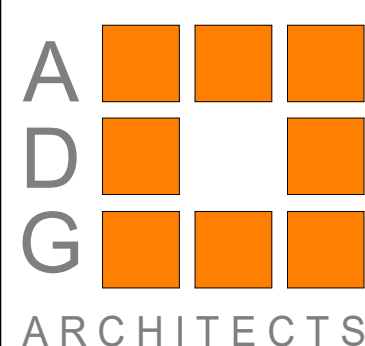
5 EAST WALL FOUNDATION DETAIL  
1 1/2" = 1'-0"



4 EAST WALL DETAIL  
1 1/2" = 1'-0"

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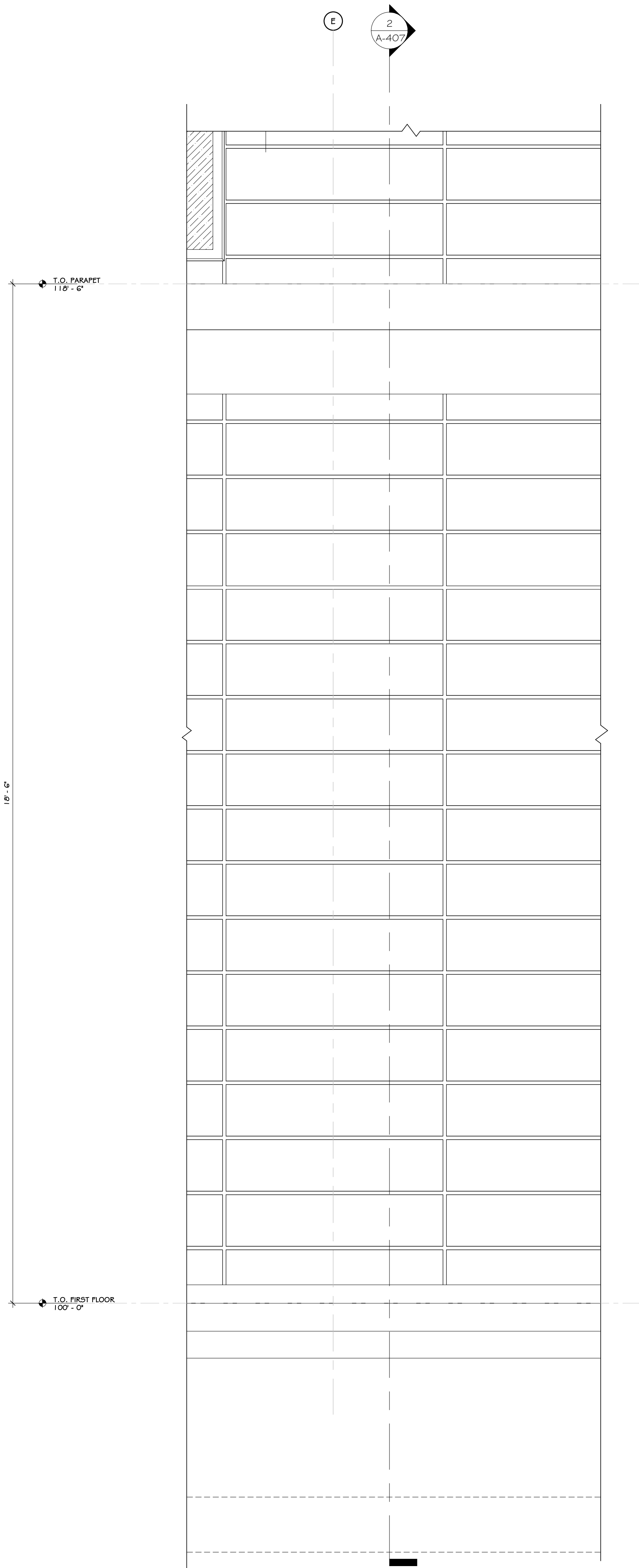
Drawing: EAST WALL SECTION AND DETAILS



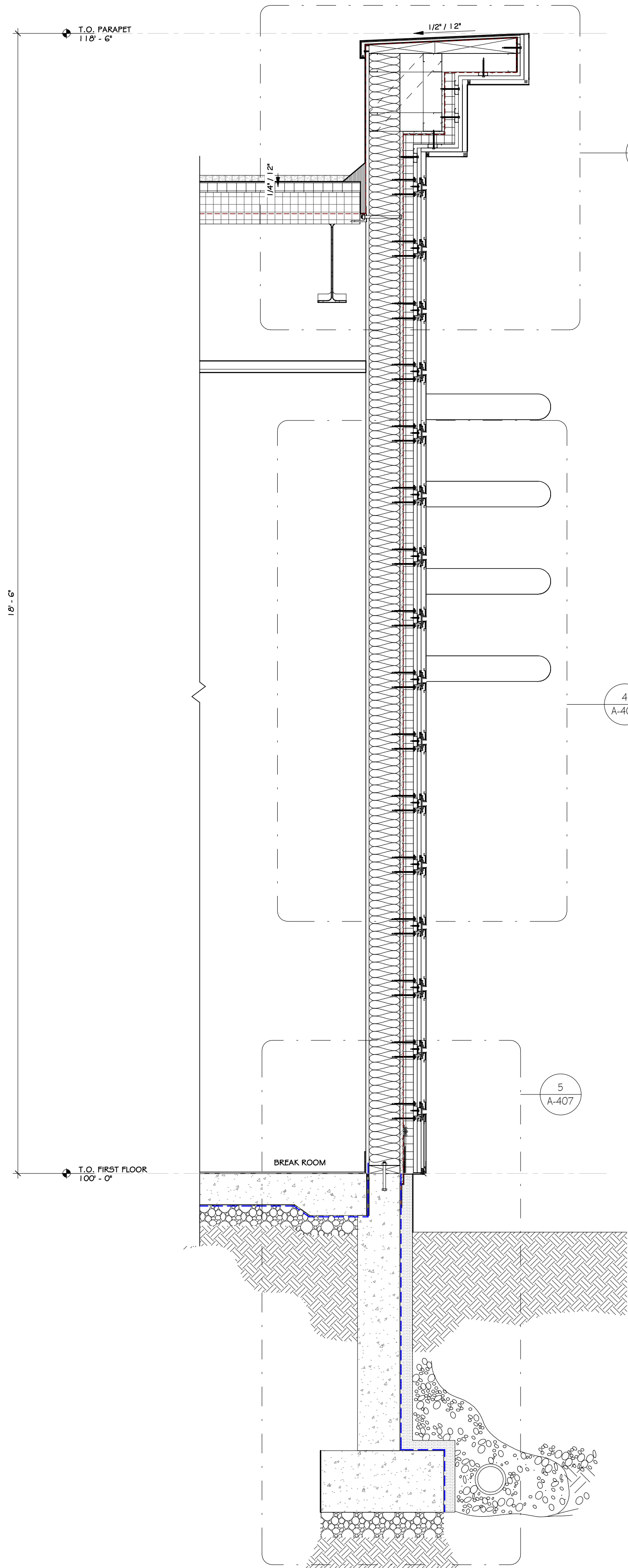
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Drawn: IDEA Scale: AS NOTED  
Drawing Number: 033127

A=406

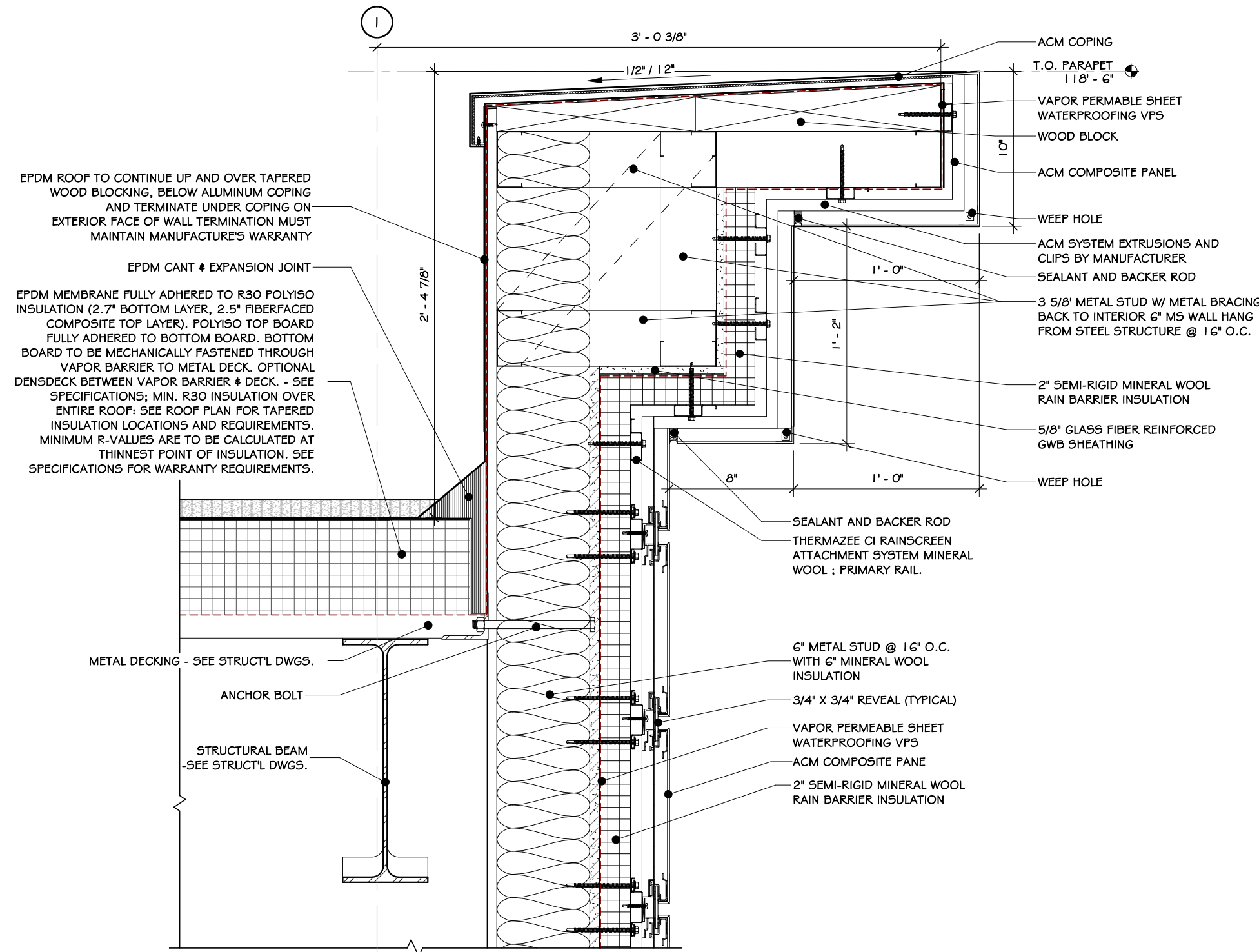




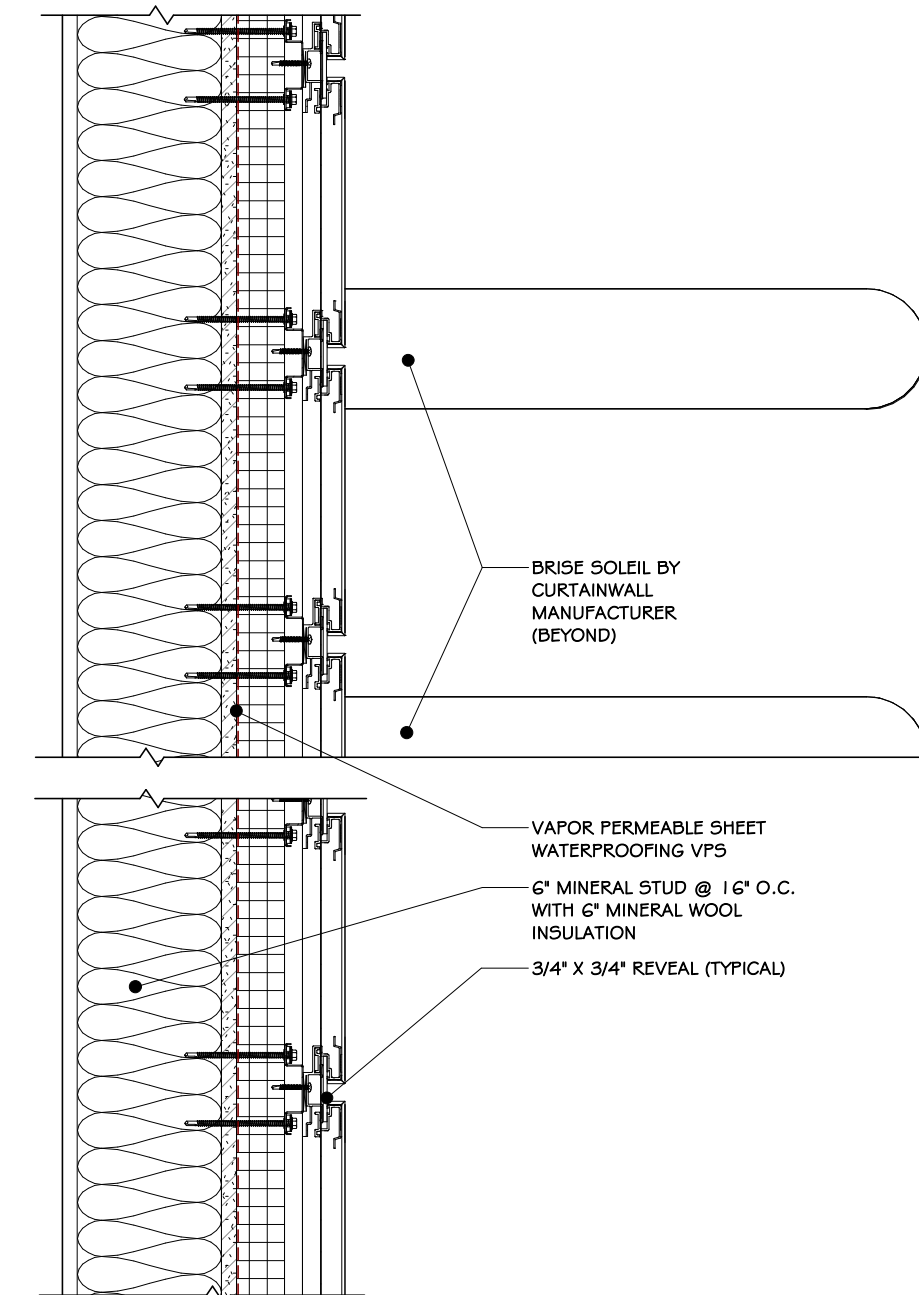
1 WEST WALL ELEVATION  
3/4" = 1'-0"



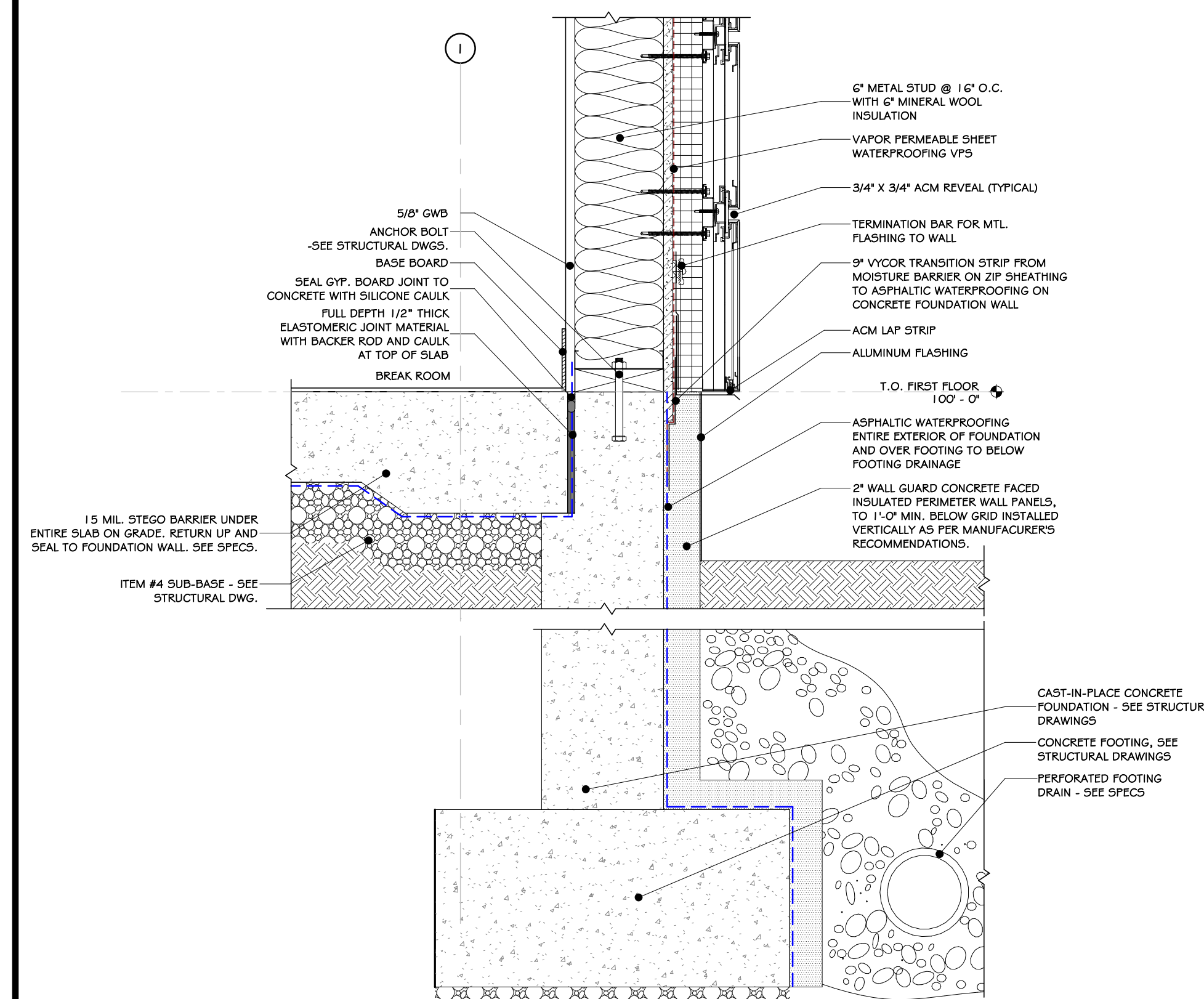
2 WEST WALL SECTION  
3/4" = 1'-0"



3 WALL DETAIL @ WEST PARAPET  
1 1/2" = 1'-0"



4 WALL DETAIL @ WEST SIDE ROOF  
1 1/2" = 1'-0"

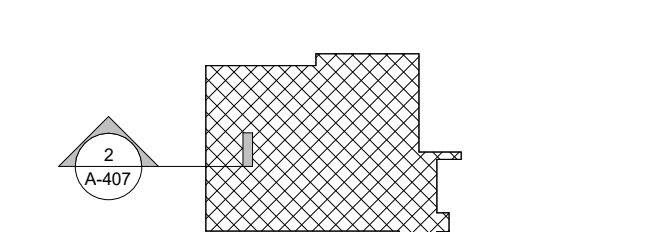
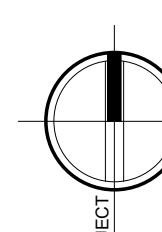


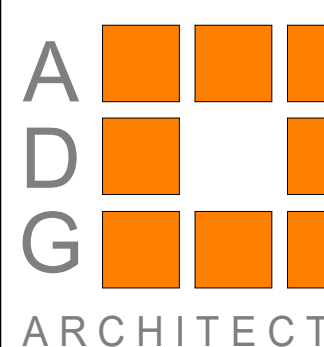
5 WALL FOUNDATION DETAIL @ WEST  
1 1/2" = 1'-0"

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Drawing: WEST WALL ELEVATION & SECTION

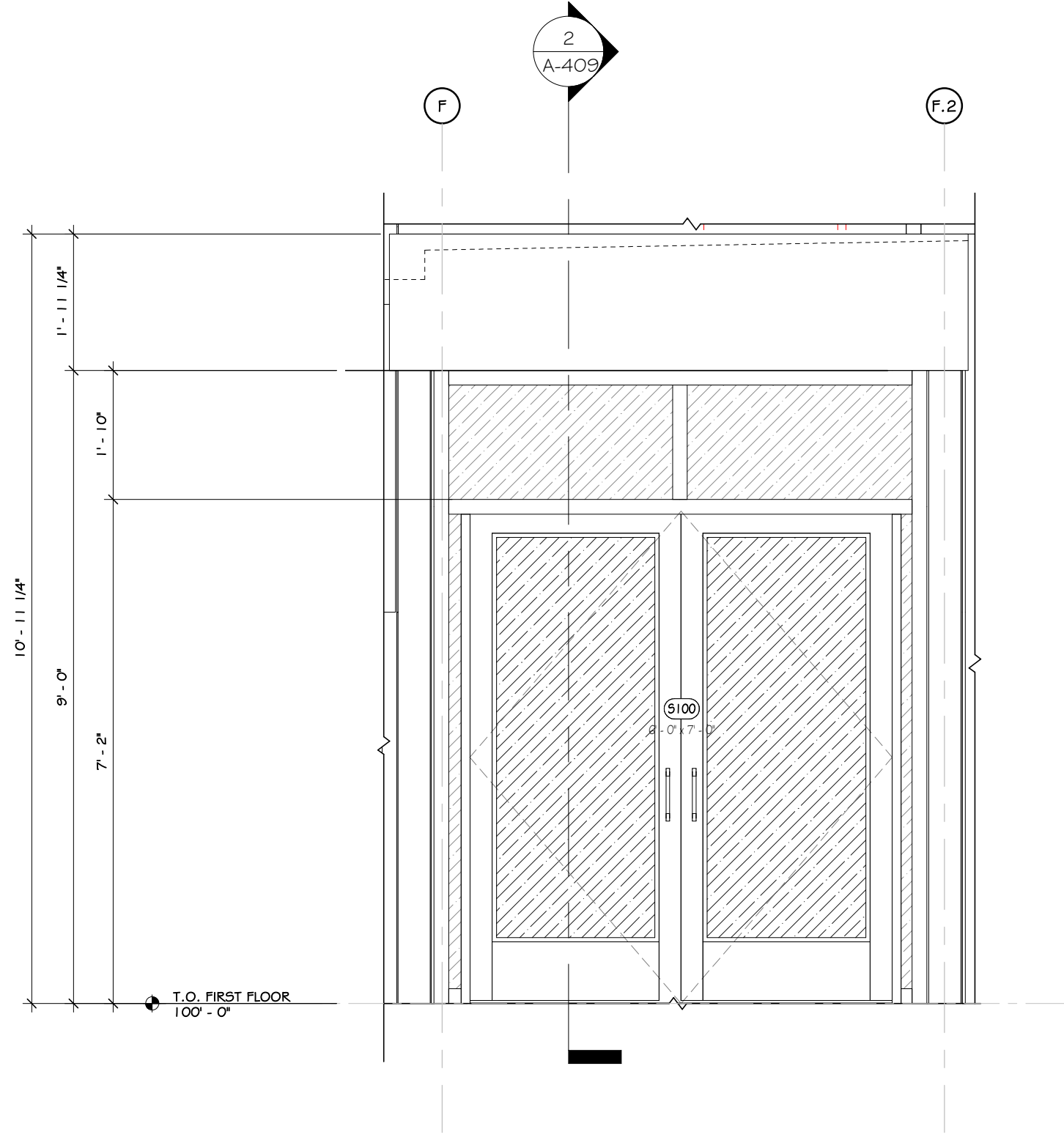


Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-407**

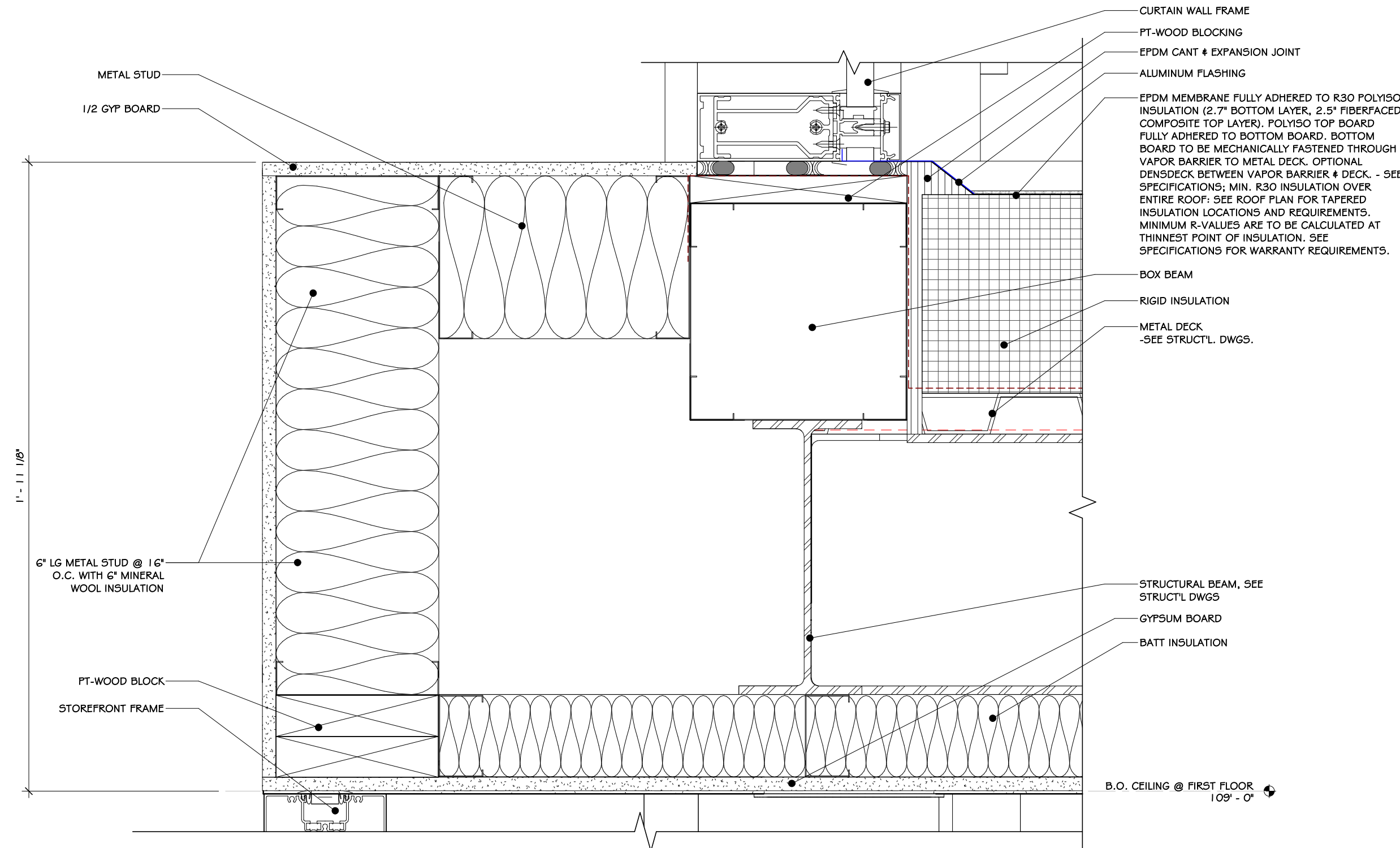




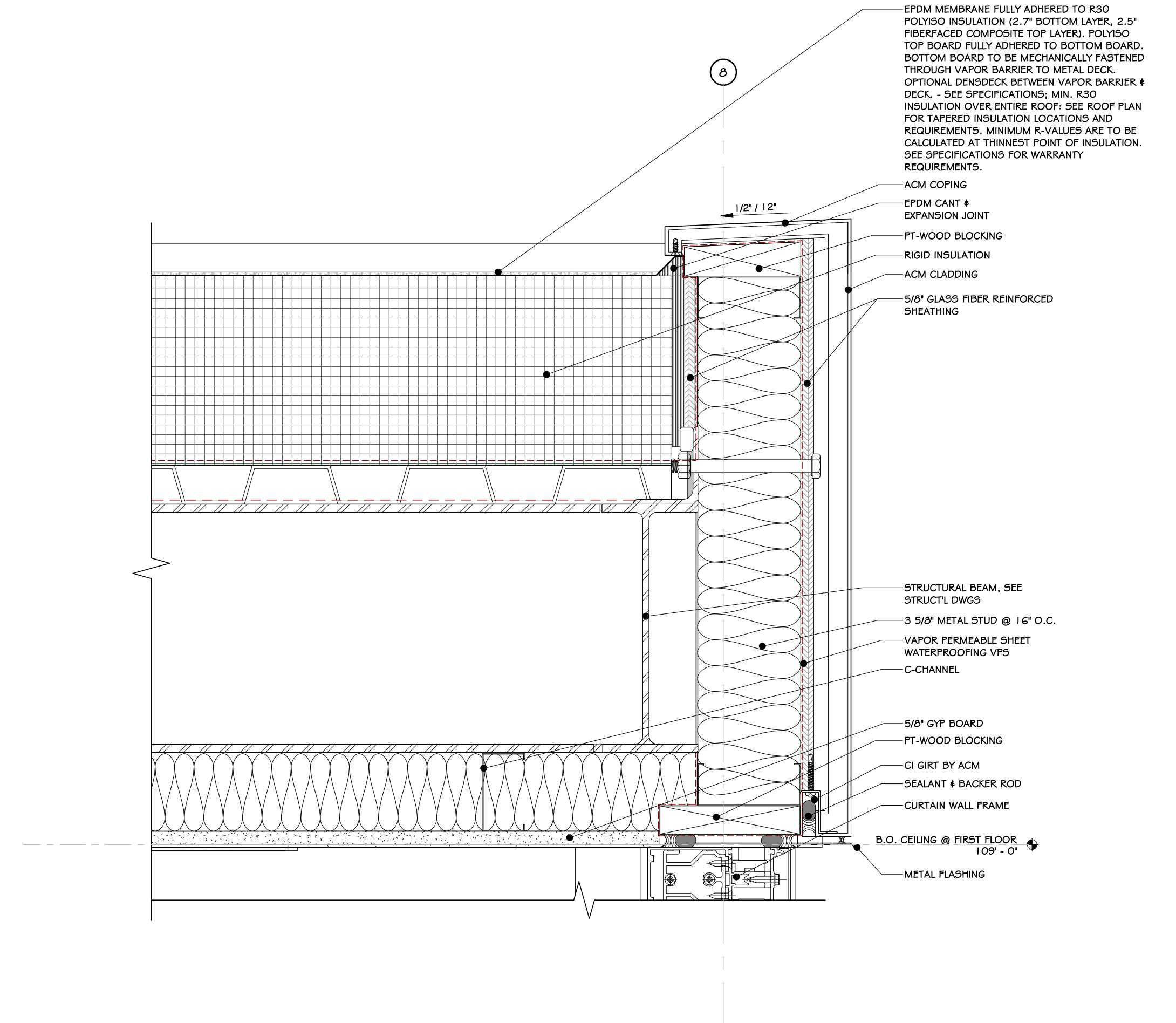




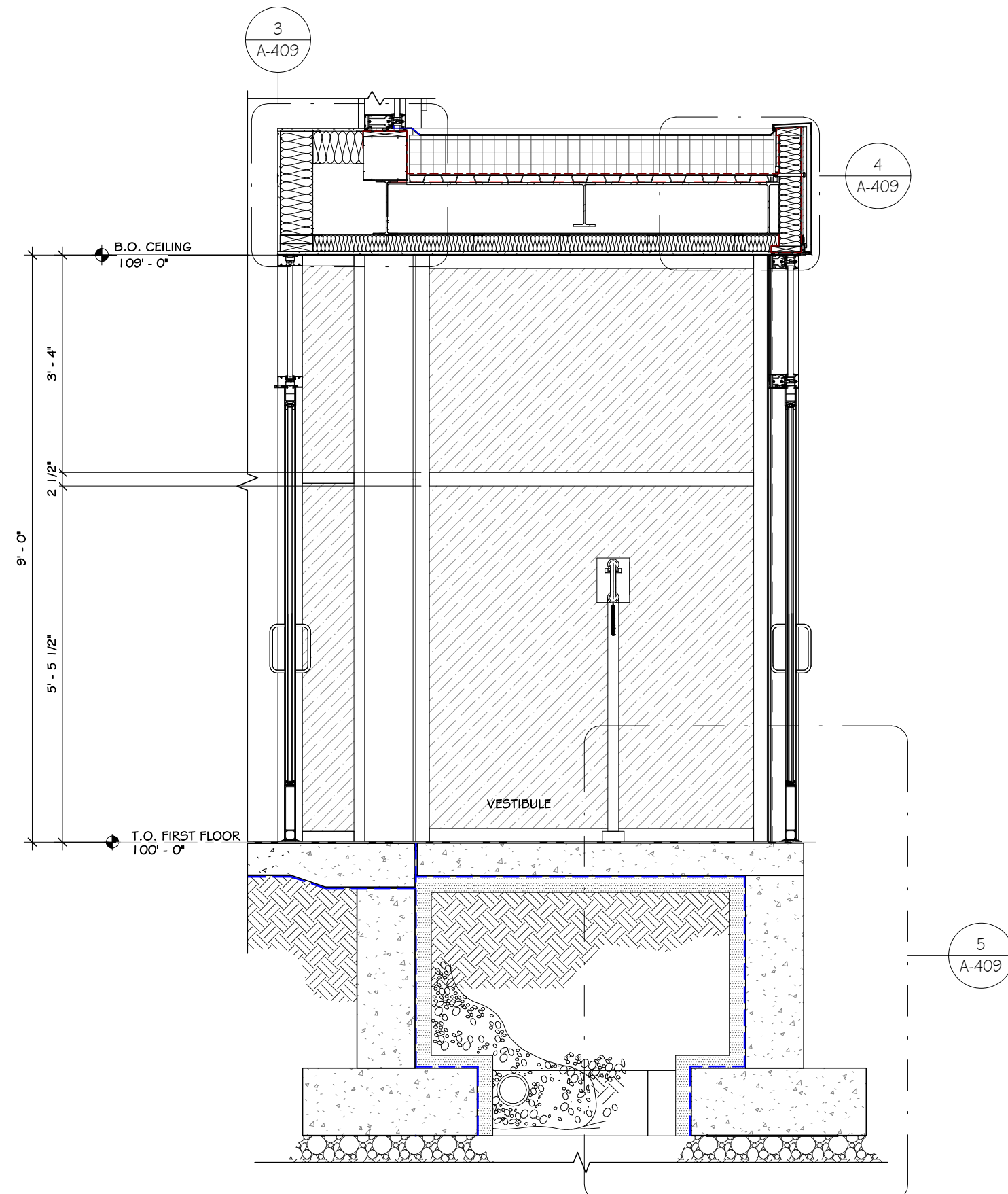
1 ENLARGED ELEVATION @ VESTIBULE  
1/2" = 1'-0"



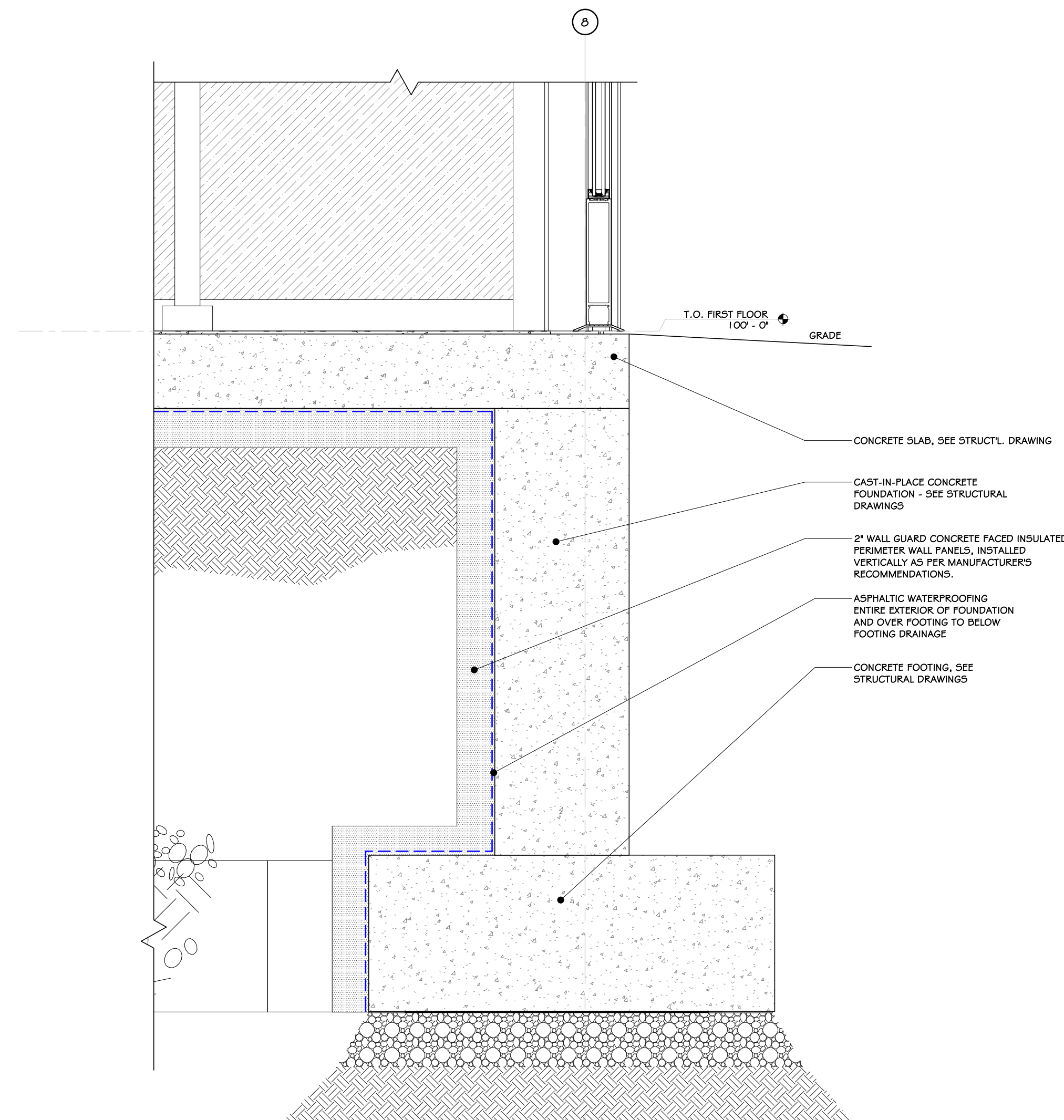
3 WALL & ROOF TERMINATION DET. @ VESTIBULE  
3\"/>



4 ROOF DETAIL @ VESTIBULE ROOF  
3\"/>



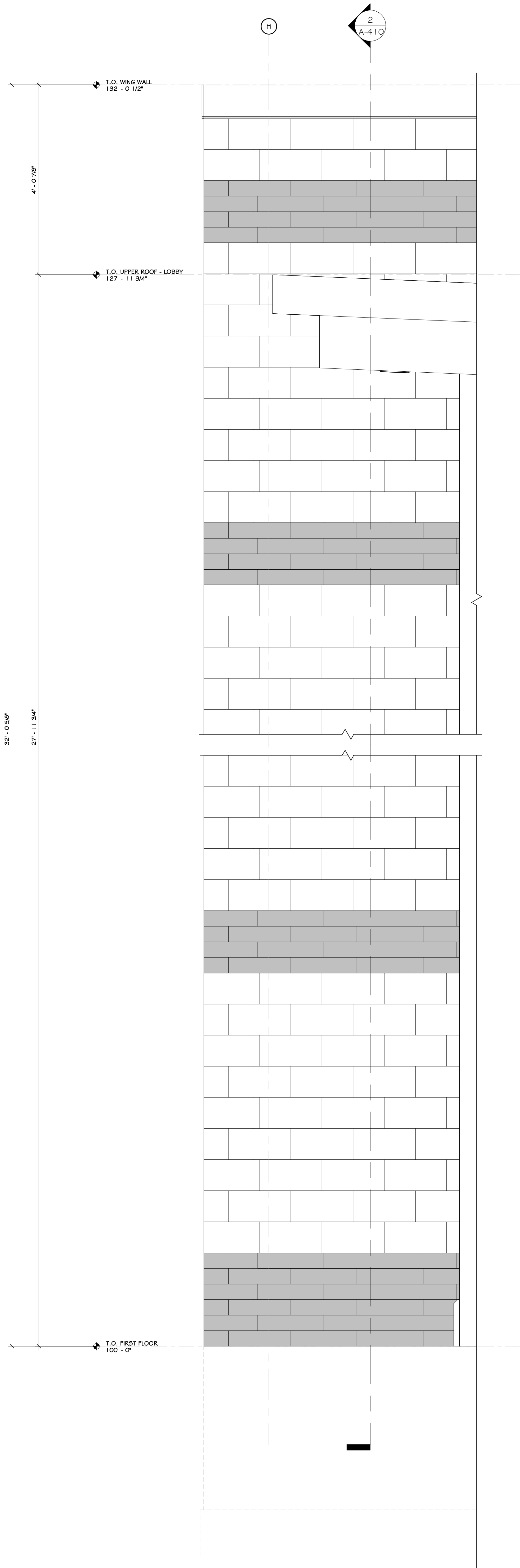
2 WALL SECTION @ VESTIBULE  
1/2" = 1'-0"



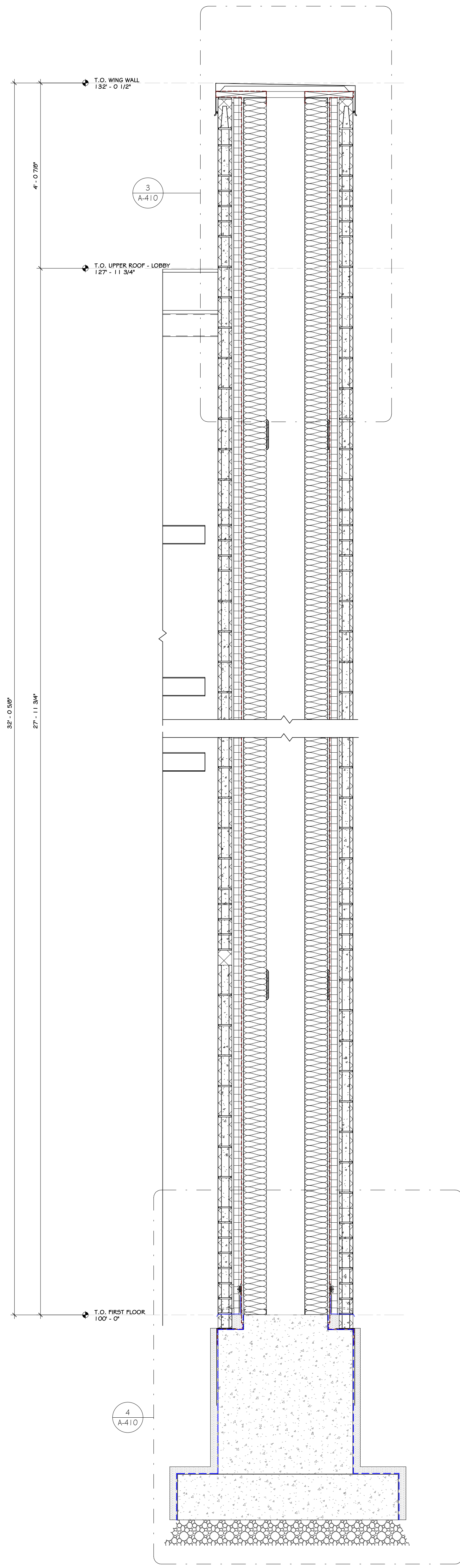
5 WALL FOUNDATION DETAIL @ VESTIBULE  
1 1/2" = 1'-0"

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Drawing: VESTIBULE SECTION & DETAILS		
		Project: 23138 Date: 02/24/25 Drawn: IDEA Scale: AS NOTED Drawing Number: <b>A-409</b>

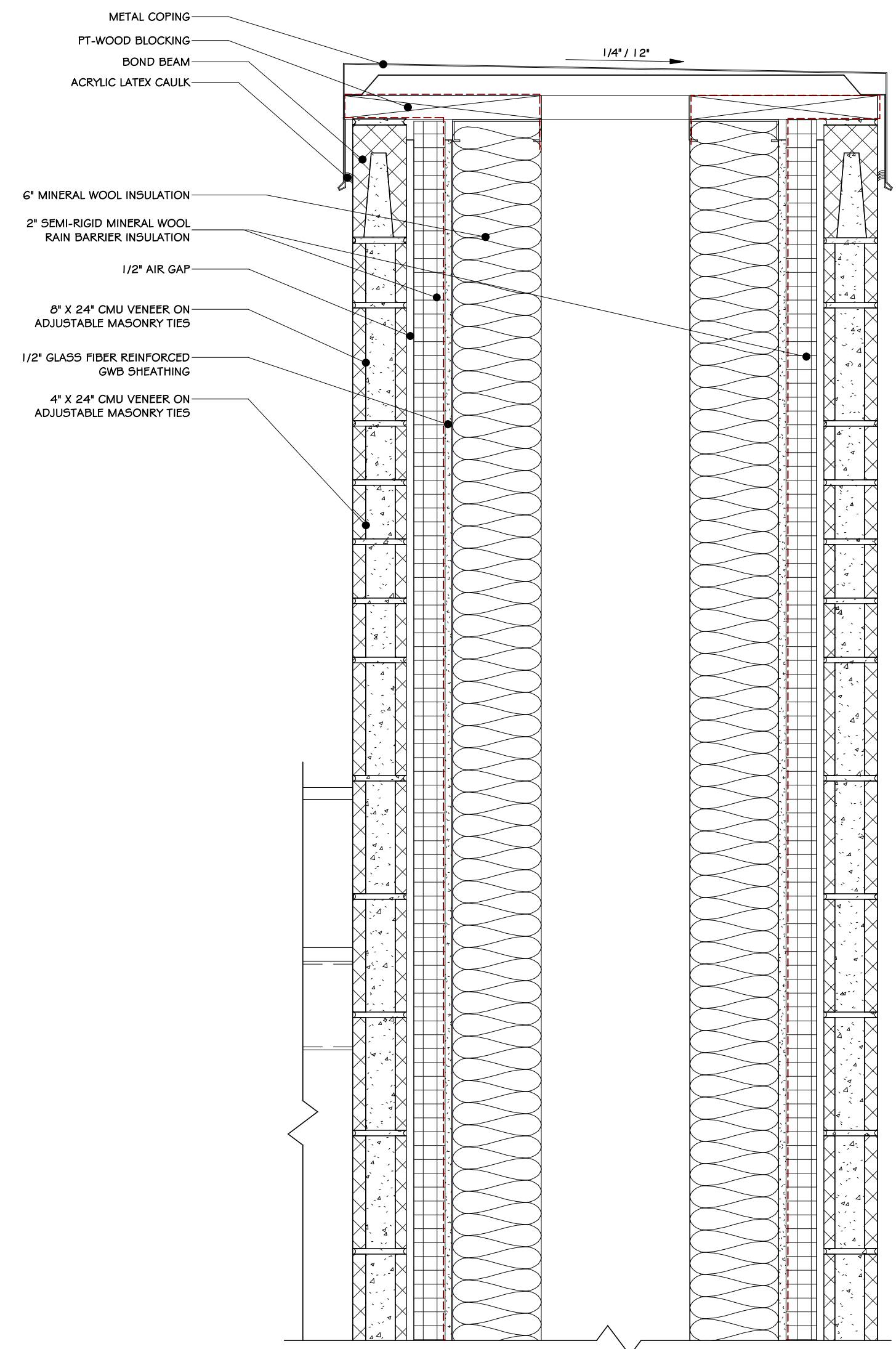




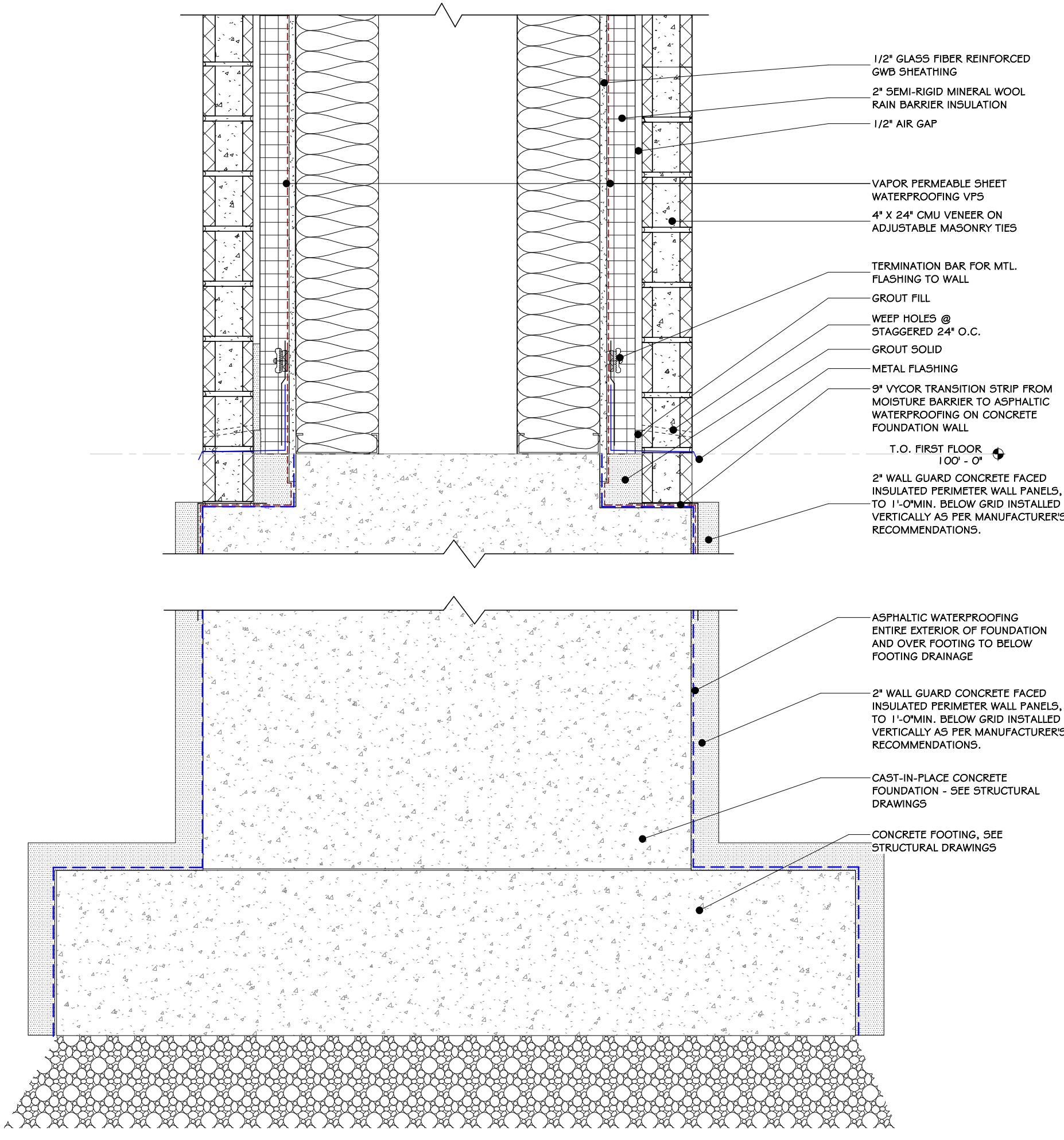
1 WALL ELEVATION @ PYLON  
3/4" = 1'-0"



2 WALL SECTION @ PYLON  
3/4" = 1'-0"



3 PYLON WALL DETAIL @ ROOF  
1 1/2" = 1'-0"



4 WALL FOUNDATION @ PYLON  
1 1/2" = 1'-0"

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Drawing: WALL SECTION AND DETAILS @ PYLON

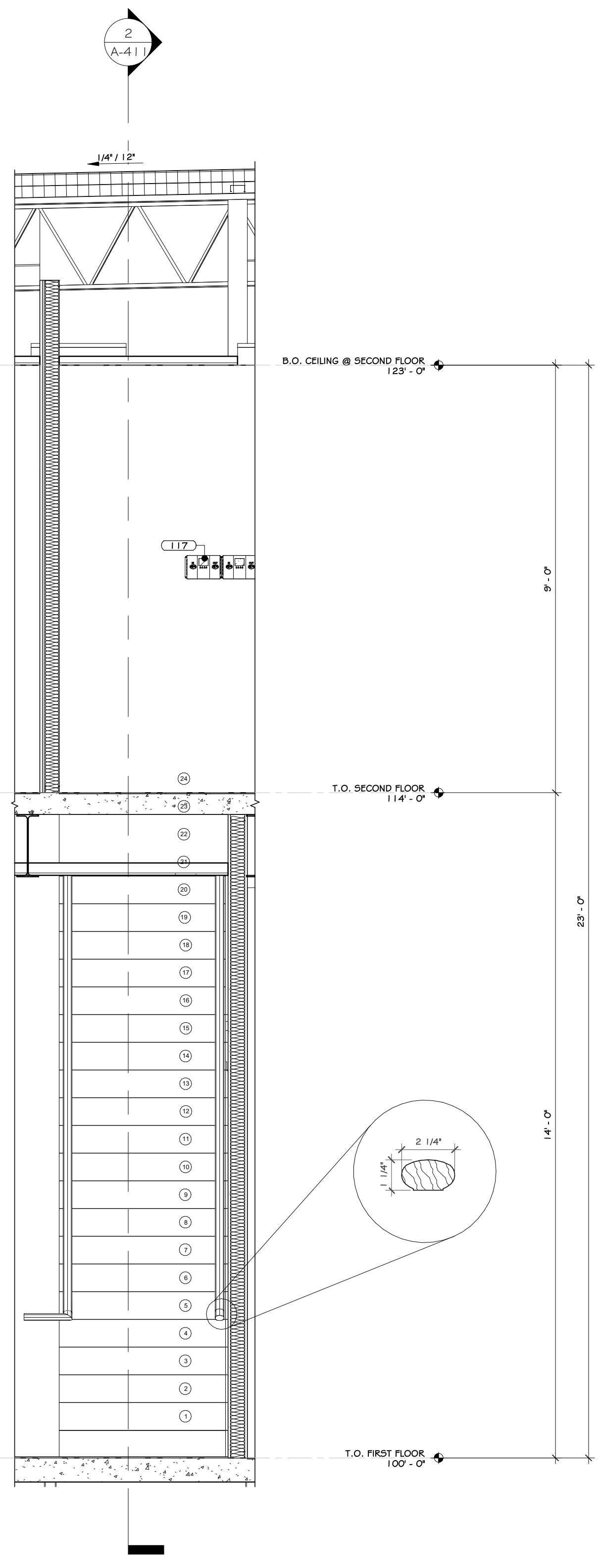
Project: 23138Date: 02/24/25

Drawn: IDEAScale: AS NOTED

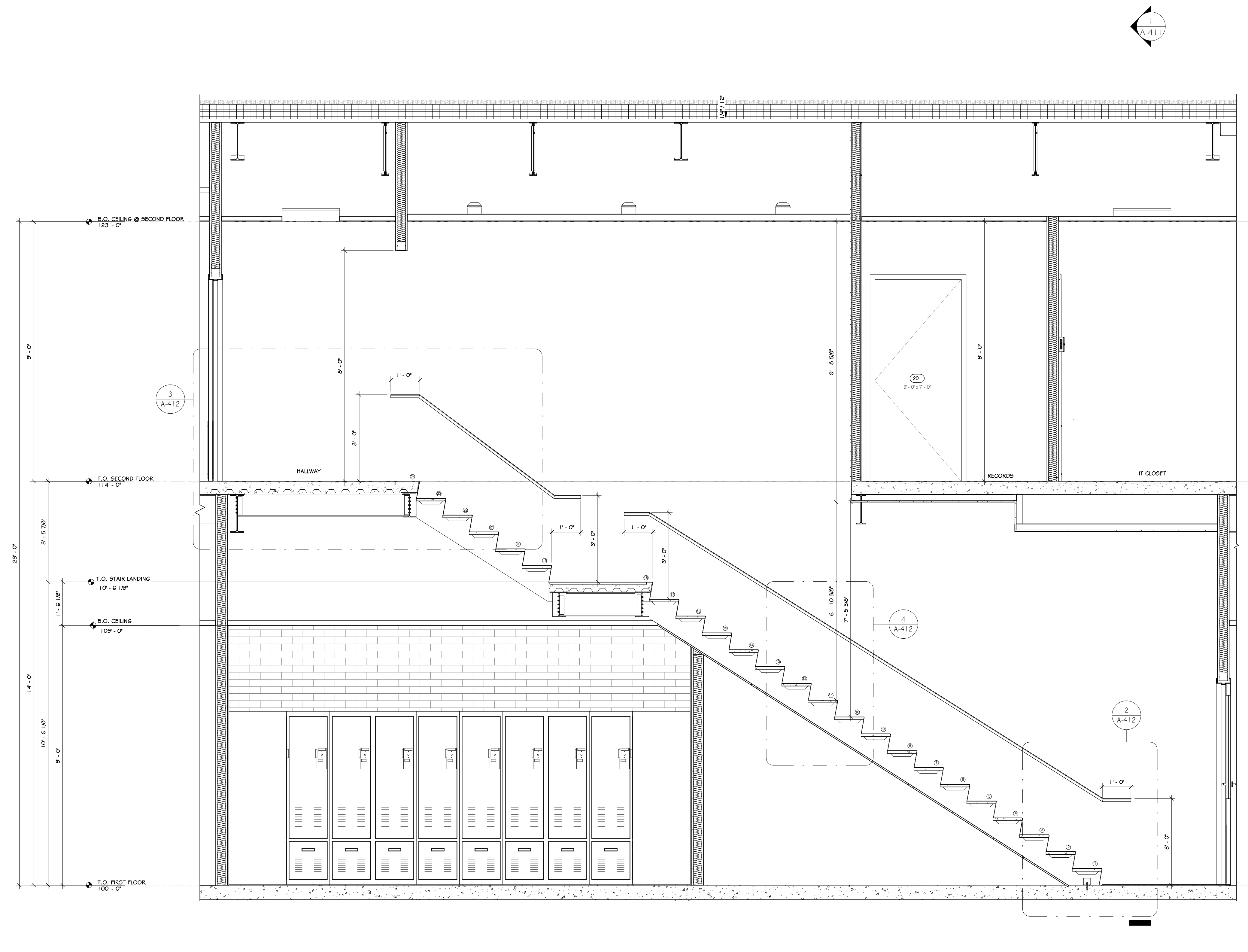
Drawing Number:

A-410

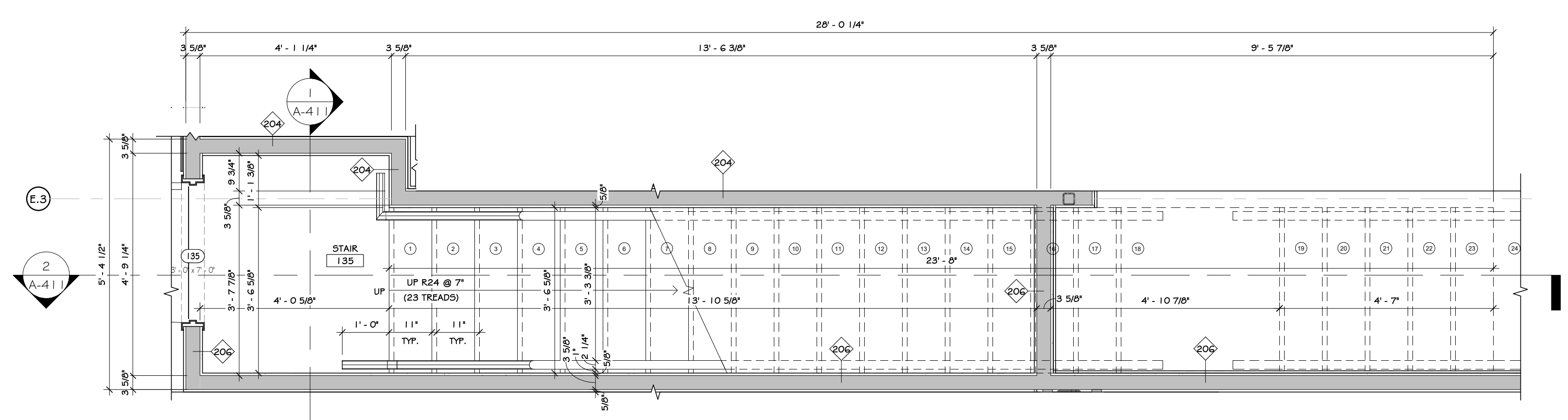




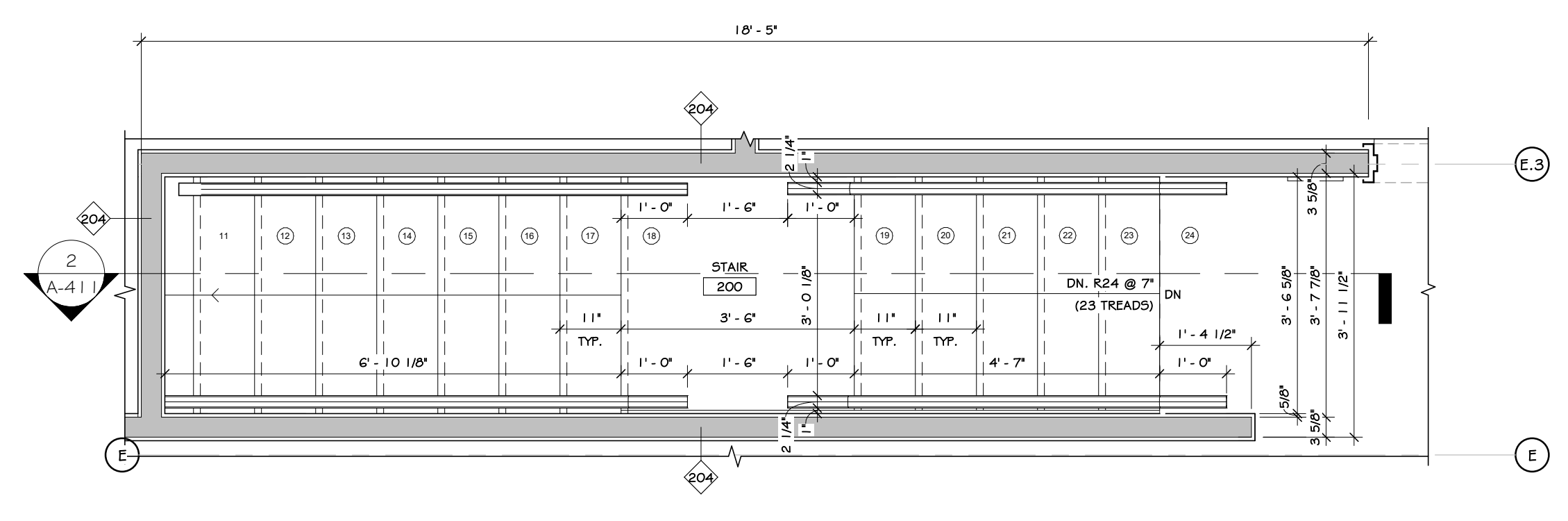
1 STAIR SECTION 1  
1/2" = 1'-0"



2 STAIR SECTION 2  
1/2" = 1'-0"



3 FIRST FLOOR STAIR PLAN  
1/2" = 1'-0"



4 SECOND FLOOR STAIR PLAN  
1/2" = 1'-0"

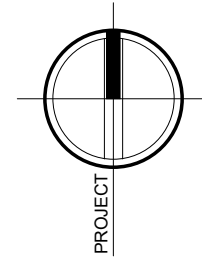
### CONSTRUCTION NOTES

1. STAIRS TO HAVE A MAX. 7" RISER HEIGHT AND 11" RUN LENGTH.
2. HANDRAIL MINIMUM 1 1/4" INSIDE DIAMETER (1.50" O.D.).
3. ALL TREADS TO HAVE A NON-SLIP ABRASIVE FEATURES. SEE SPEC.
4. GUARDRAIL HEIGHT TO BE A MINIMUM OF 3'-6" AFF. ALL GUARDRAILS TO BE ABLE TO WITHSTAND A MINIMUM OF 200LB. LATERAL FORCE.
5. ALL EXPOSED STEEL TO BE PRIMED AND FINISHED PAINTED.
6. GUARDRAIL REQUIRED AT LANDINGS/STAIRS ADJACENT TO GLASS CURTAINWALL.
7. WALL MOUNTED HANDRAILS TO MATCH ADJACENT RAILINGS.
8. RAILINGS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 4" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 6" OR MORE IN DIAMETER. OPEN TREADS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 4" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 6" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 6" OR MORE IN DIAMETER.
9. GUARDRAIL OR BARRIER SHALL BE LOCATED 27" MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
10. INDUSTRIAL RAILINGS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 22" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 6" OR MORE IN DIAMETER.
11. THIS IS A GENERAL STAIR DETAIL SHEET. THESE DETAILS ARE MEANT AS A GENERAL GUIDE, NOT ALL DETAILS MAY APPLY.

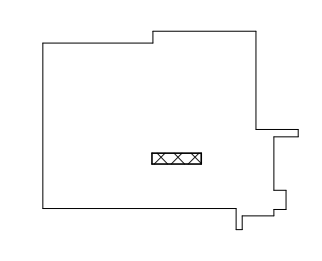
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106 BRACKEN ROAD  
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Drawing: STAIR PLAN AND SECTIONS

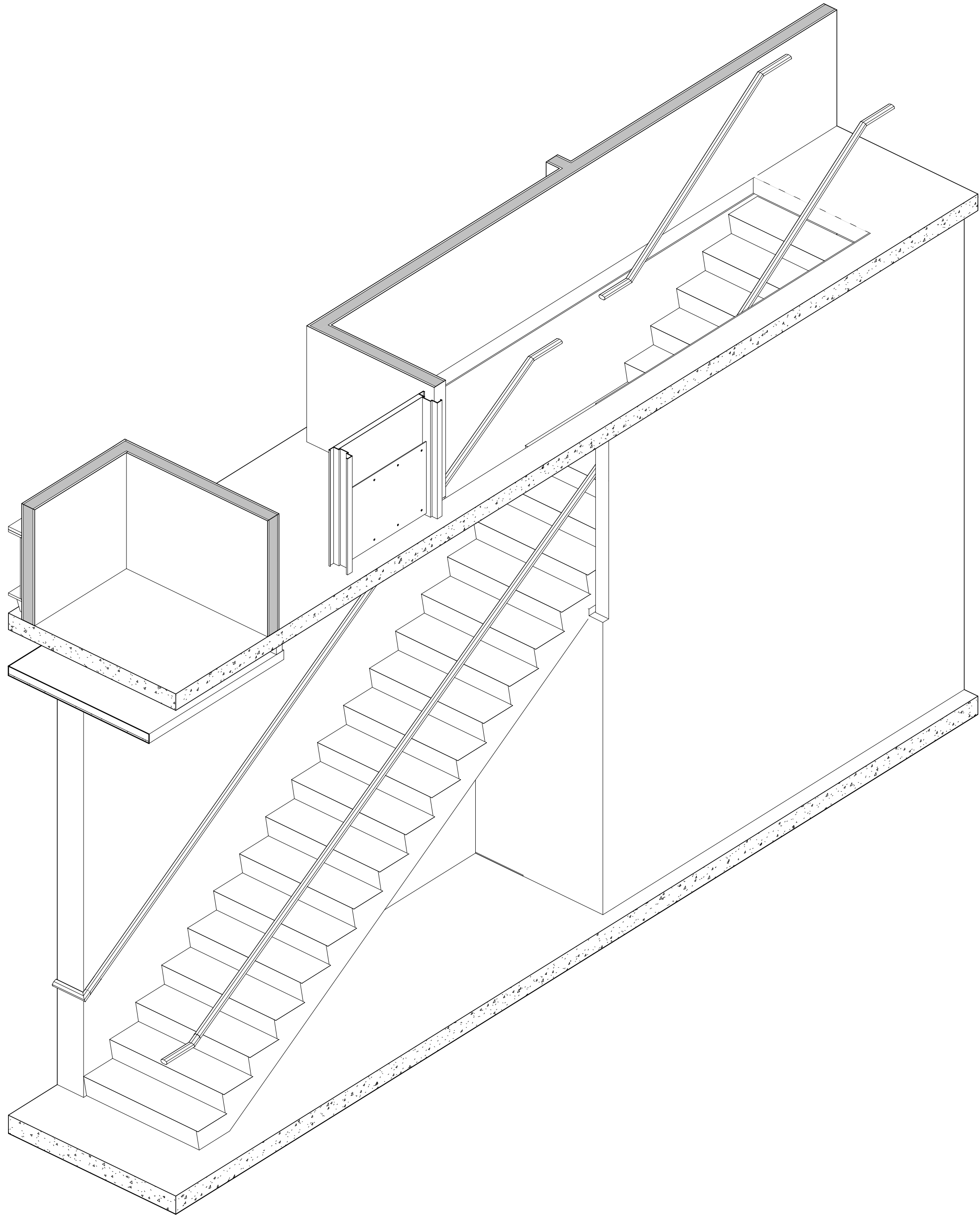


033127  
STATE OF NEW YORK

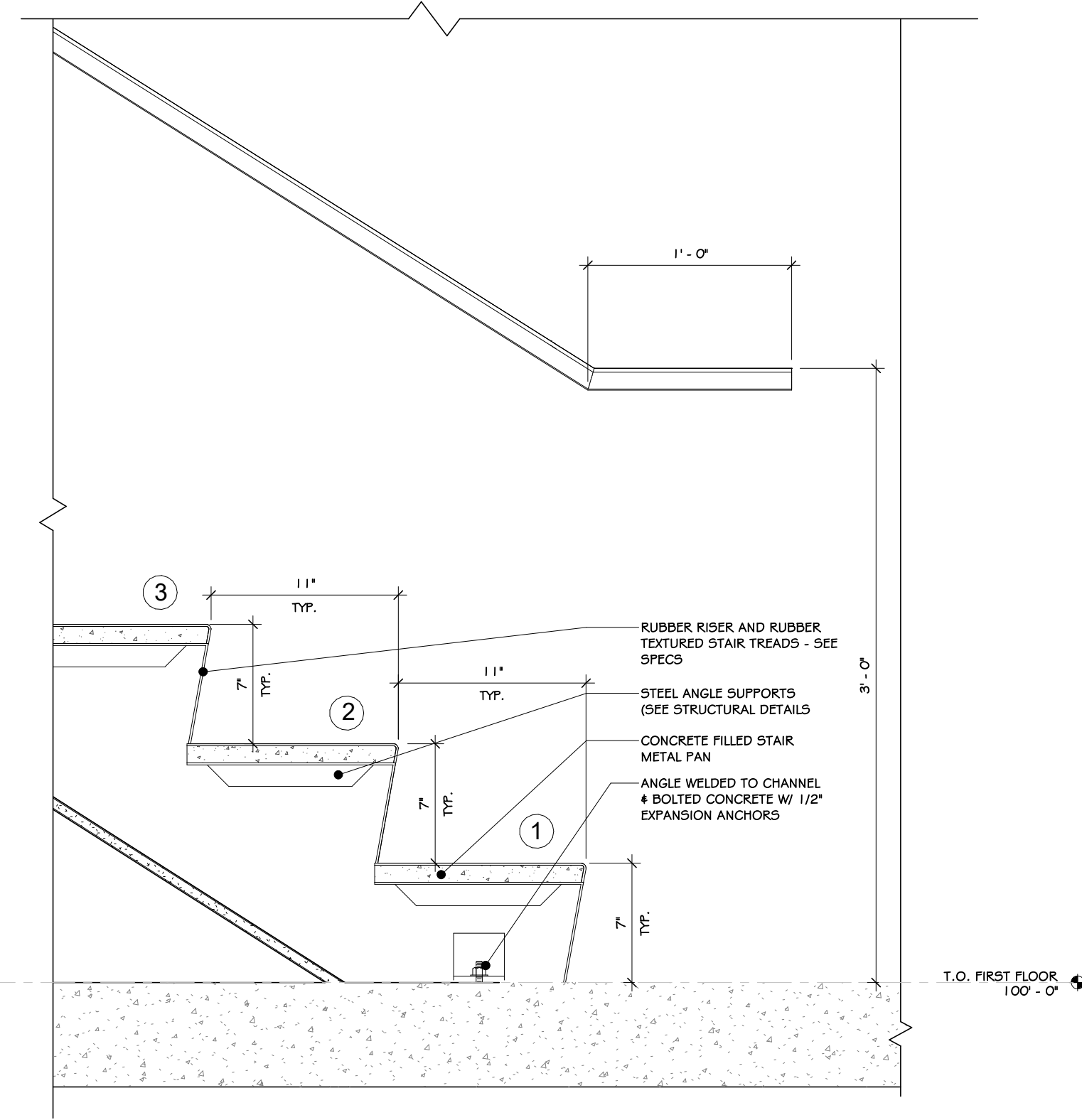
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Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-411

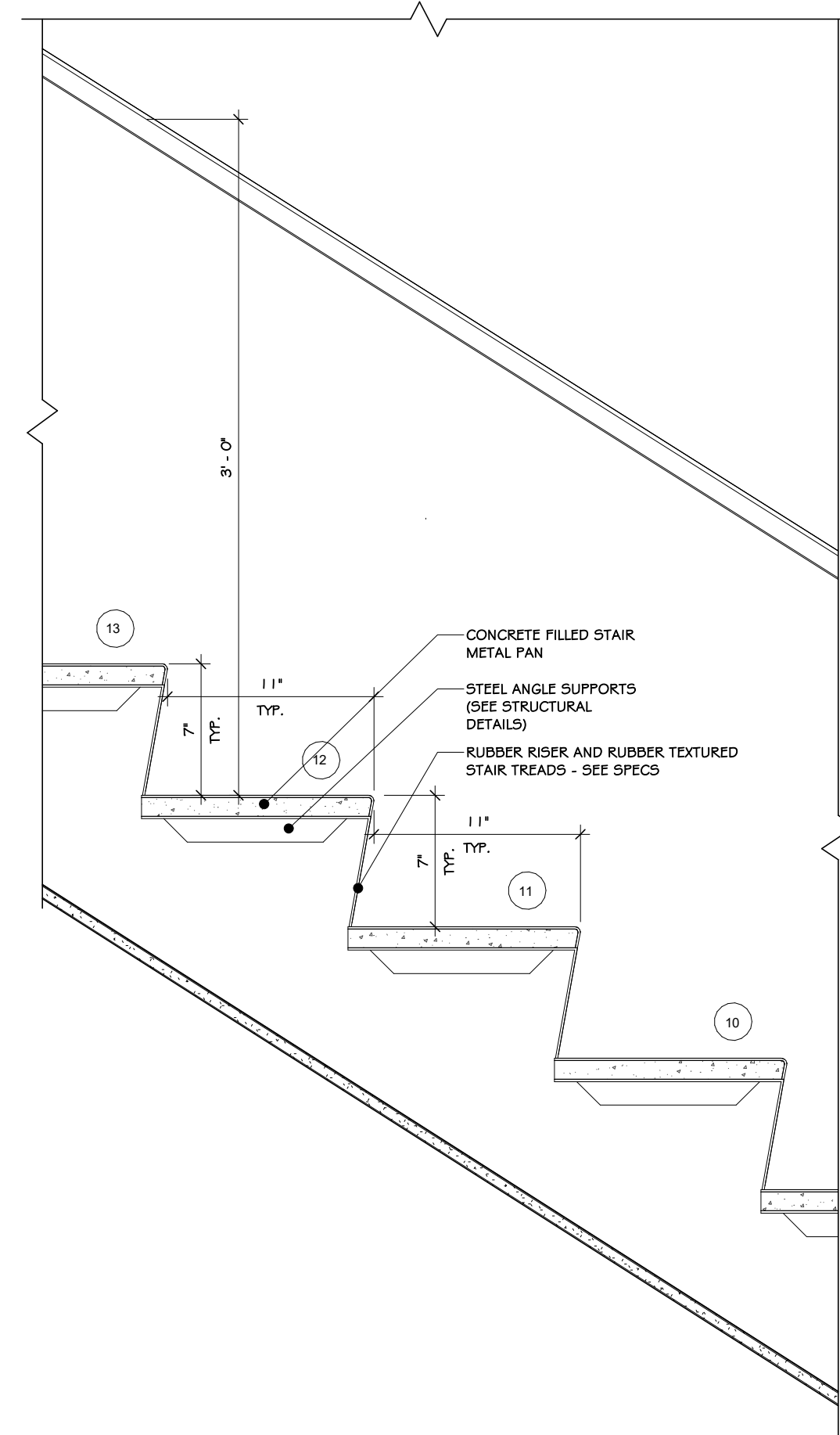




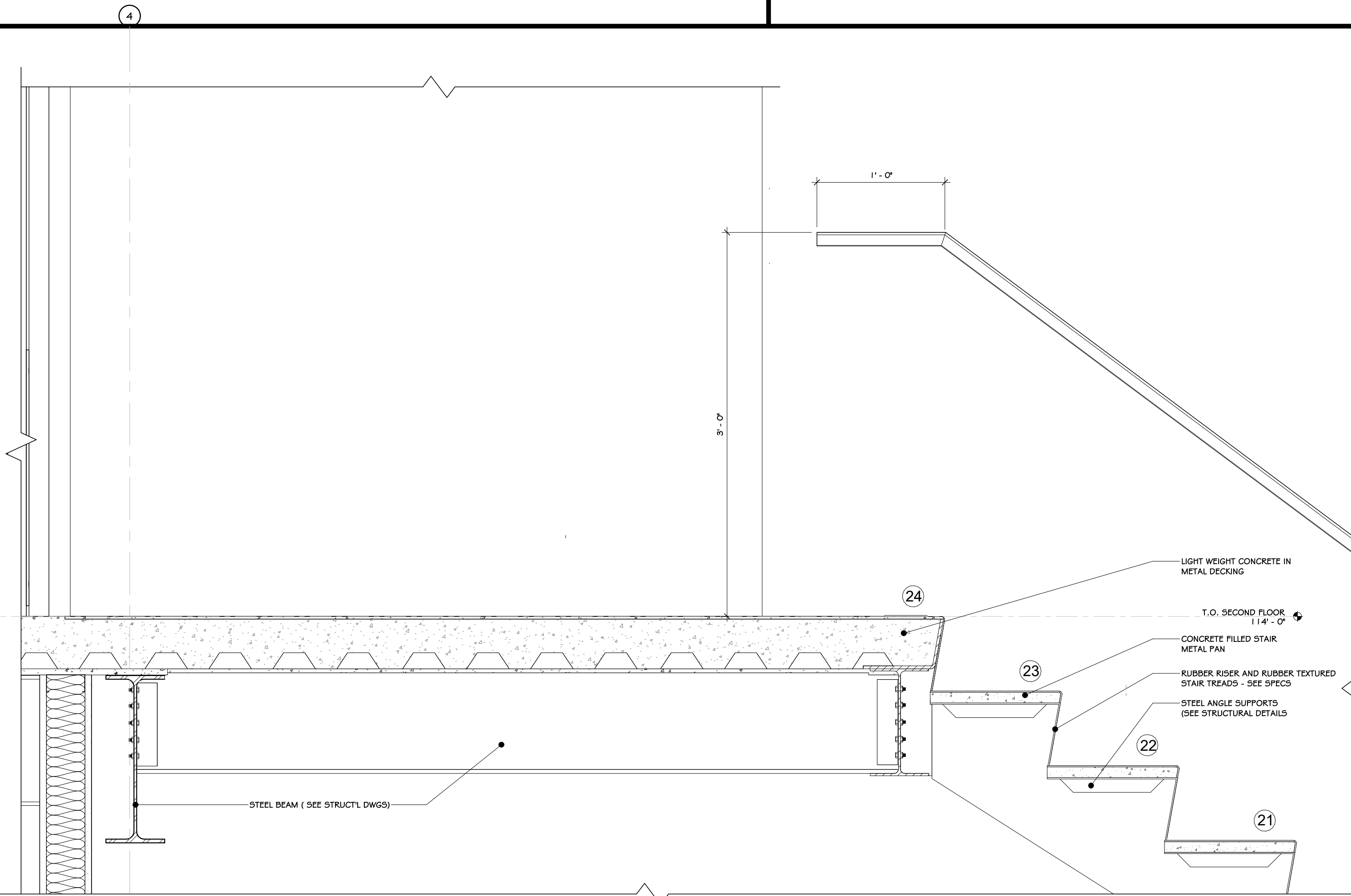
1 3D STAIR



2 STAIR DETAILS @ BASE  
1 1/2" = 1'-0"



4 STAIR SECTION @ RISER  
1 1/2" = 1'-0"



3 STAIR DETAIL @ LANDING  
1 1/2" = 1'-0"

## CONSTRUCTION NOTES

1. STAIRS TO HAVE A MAX. 7" RISER HEIGHT AND 11" RUN LENGTH.
2. HANDRAIL MINIMUM 1-1/4" INSIDE DIAMETER (1-5/8" O.D.)
3. ALL TREADS TO HAVE A NON-SLIP ABRASIVE TEXTURED - SEE SPECS
4. GUARDRAIL HEIGHT TO BE A MINIMUM OF 3'-6" AFF. ALL GUARDRAILS TO BE ABLE TO WITHSTAND A MINIMUM OF 250LB. LATERAL FORCE.
5. ALL EXPOSED STEEL TO BE PRIMED AND FINISHED PAINTED.
6. GUARDRAIL REQUIRED AT LANDINGS/STAIRS ADJACENT TO GLASS CURTAINWALL.
7. WALL MOUNTED HANDRAILS TO MATCH ADJACENT RAILINGS.
8. RAILINGS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 4" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 2" OR MORE IN DIAMETER. OPEN TREADS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 4" OR MORE IN DIAMETER. THE VERTICAL CLEARANCE SHALL BE 80 INCHES HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE LOCATED 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
9. INDUSTRIAL RAILINGS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 2" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 2" OR MORE IN DIAMETER.
10. THIS IS A GENERAL STAIR DETAIL SHEET. THESE DETAILS ARE MEANT AS A GENERAL GUIDE. NOT ALL DETAILS MAY APPLY.

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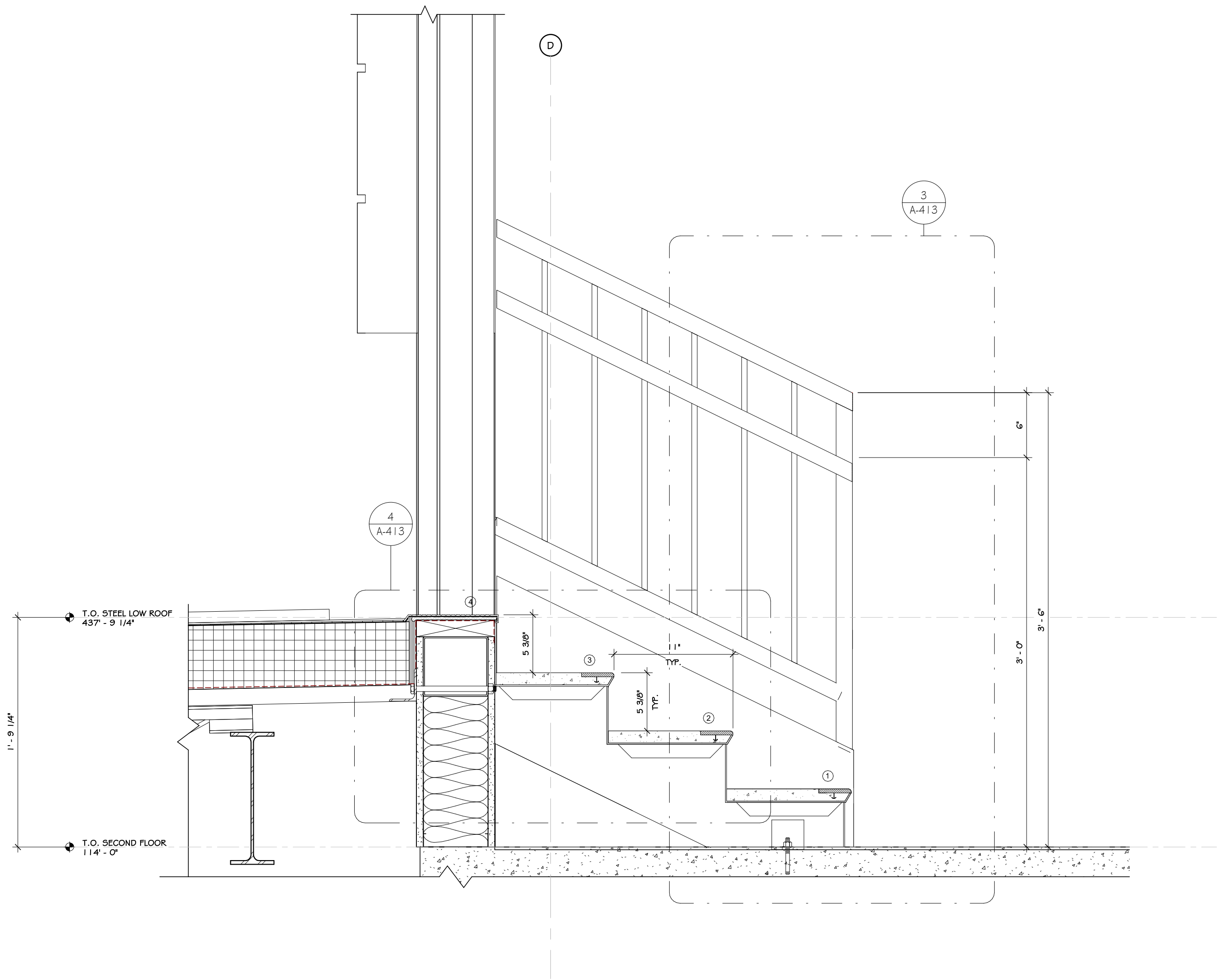
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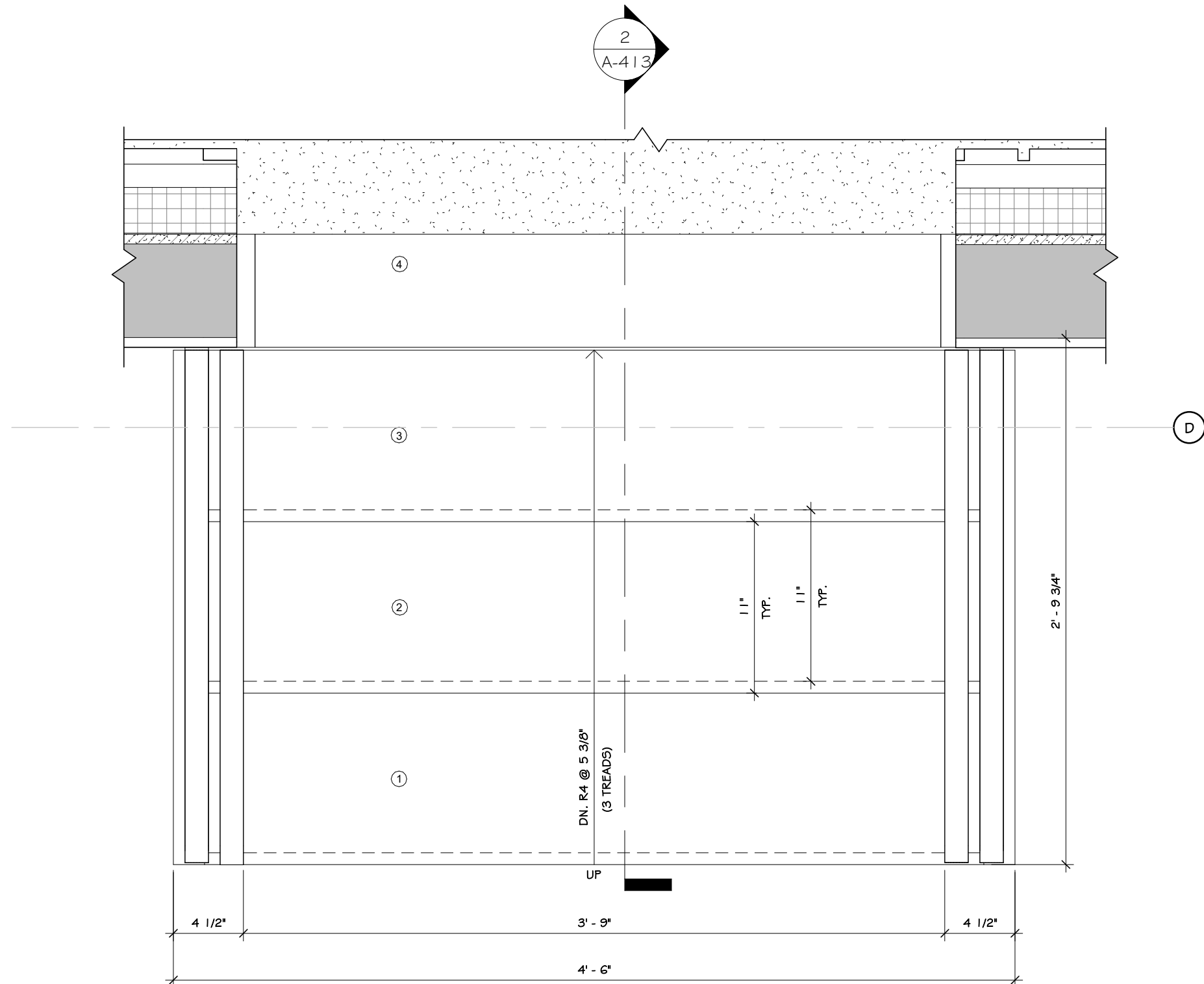
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Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-412**

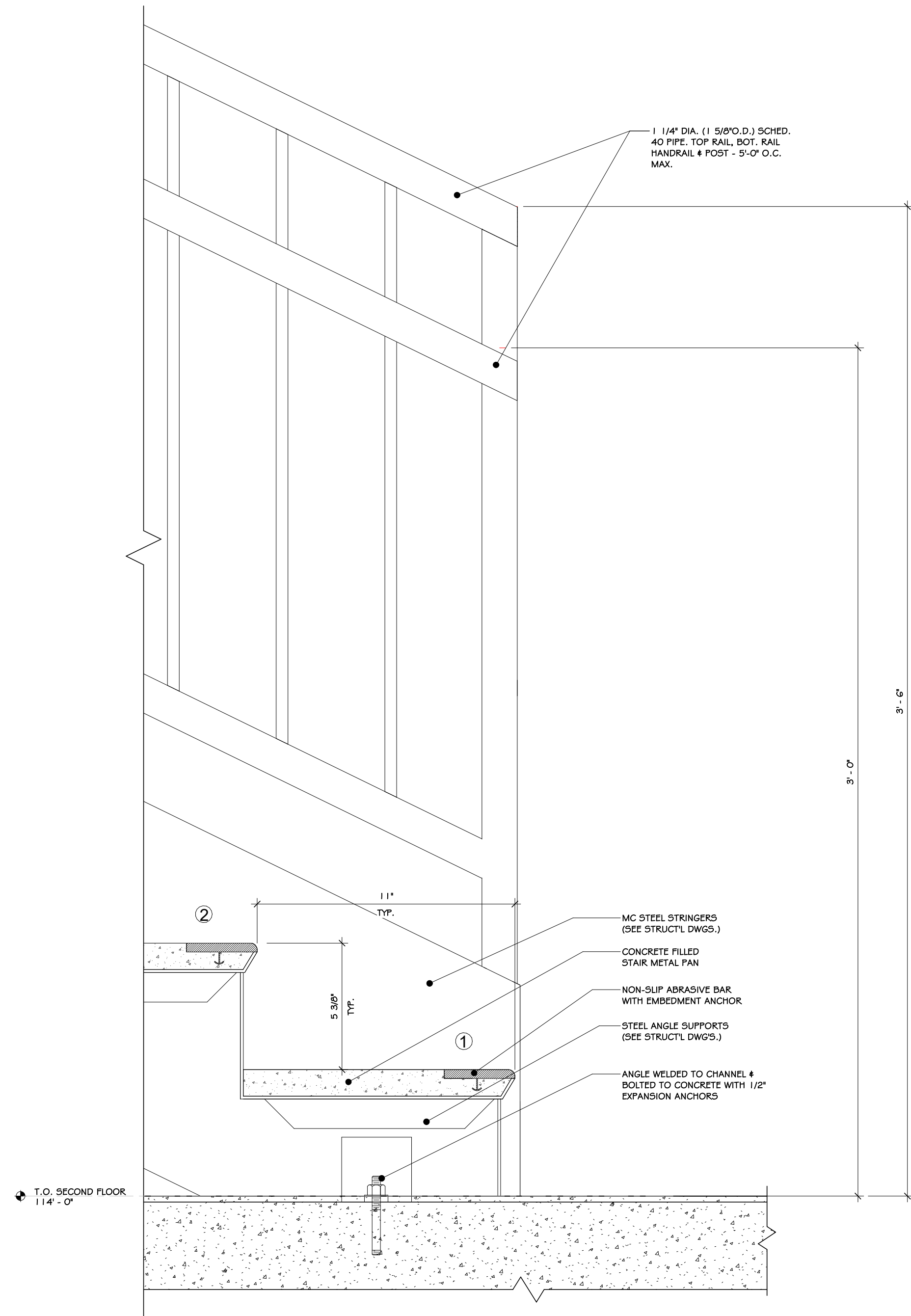




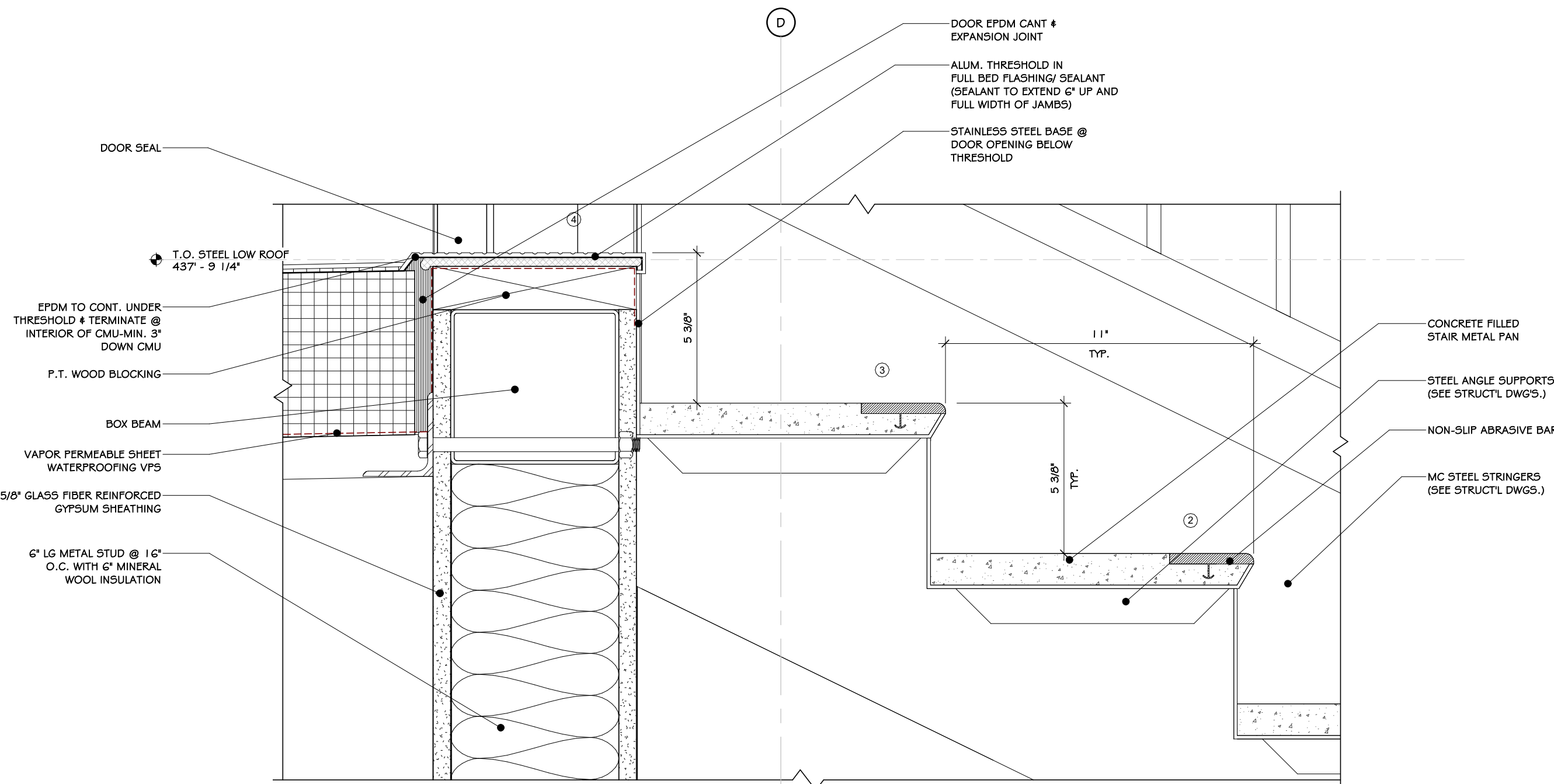
2 STAIR SECTION  
1 1/2" = 1'-0"



1 ROOF STAIR PLAN  
1 1/2" = 1'-0"



3 STAIR DETAIL  
3" = 1'-0"



4 STAIR DETAIL @ RISER  
3" = 1'-0"

## CONSTRUCTION NOTES

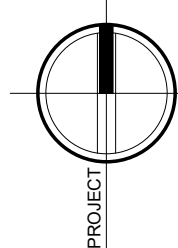
1. STAIRS TO HAVE A MAX. 7" RISER HEIGHT AND 11" RUN LENGTH.
2. HANDRAIL MINIMUM 1 1/4" INSIDE DIAMETER (1 5/8" O.D.).
3. ALL TREADS TO HAVE A NON-SLIP ABRASIVE TEXTURED - SEE SPECS.
4. GUARDRAIL HEIGHT TO BE A MINIMUM OF 3'-6" AFF. ALL GUARDRAILS TO BE ABLE TO WITHSTAND A MINIMUM OF 250LB. LATERAL FORCE.
5. ALL EXPOSED STEEL TO BE PRIMED AND FINISHED PAINTED.
6. GUARDRAIL REQUIRED AT LANDINGS/STAIRS ADJACENT TO GLASS CURTAINWALL.
7. WALL MOUNTED HANDRAILS TO MATCH ADJACENT RAILINGS.
8. RAILINGS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 4" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 6" OR MORE IN DIAMETER. OPEN TREADS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 4" OR MORE IN DIAMETER. THE VERTICAL CLEARANCE SHALL BE 80 INCHES HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES HIGH. THE LEADING EDGE OF 36" GUARDRAIL OR BARRIER SHALL BE LOCATED 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
9. INDUSTRIAL RAILINGS SHALL NOT ALLOW THE PASSAGE OF A SPHERE 22" OR MORE IN DIAMETER. THE TRIANGULAR OPENINGS FORMED BY THE RISER TREAD AND THE BOTTOM RAIL SHALL NOT ALLOW THE PASSAGE OF A SPHERE 6" OR MORE IN DIAMETER.
10. THIS IS A GENERAL STAIR DETAIL SHEET. THESE DETAILS ARE MEANT AS A GENERAL GUIDE. NOT ALL DETAILS MAY APPLY.

## REVISIONS:

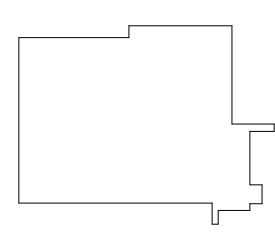
NUM.	DATE	DESCRIPTION

100%

## BID DOCUMENTS



KEY PLAN



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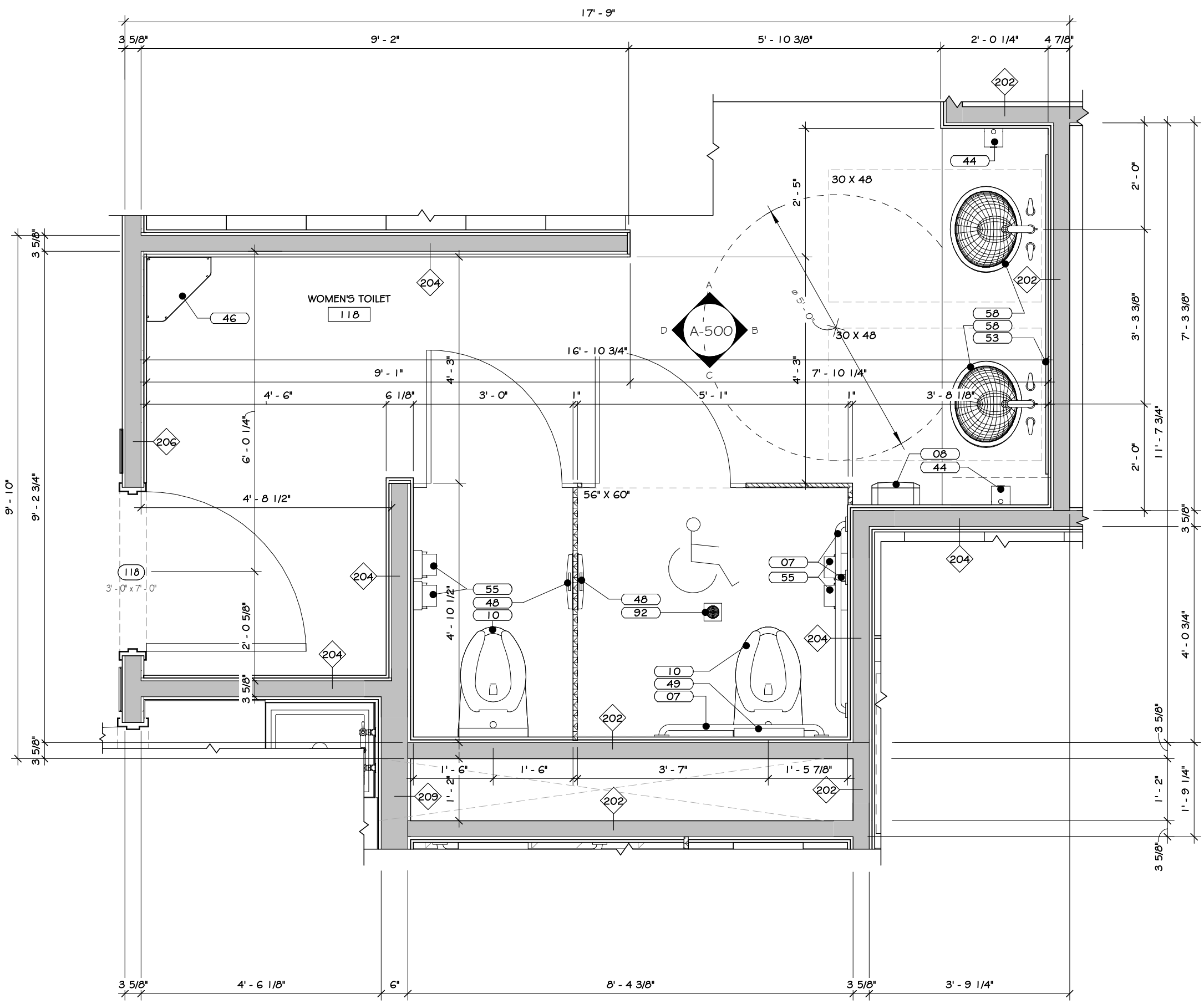
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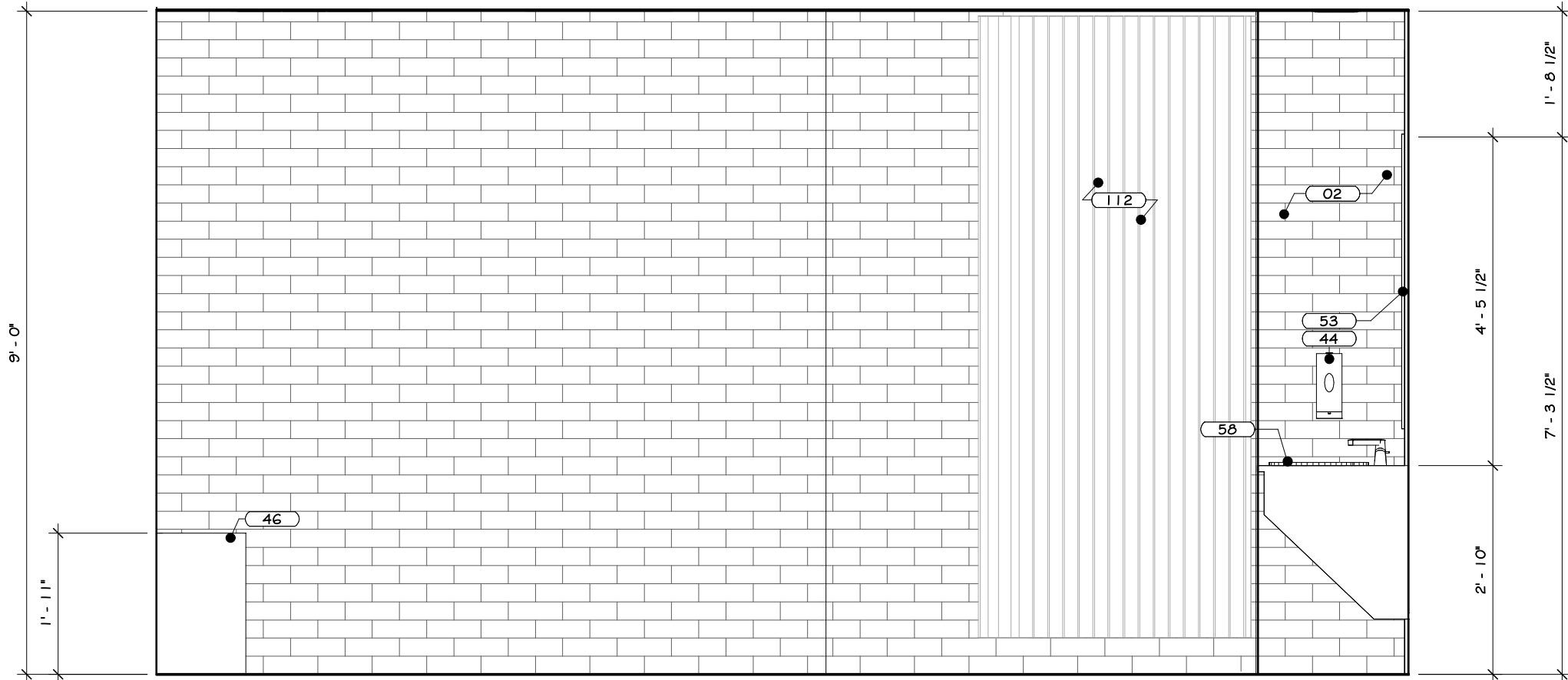
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Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-413

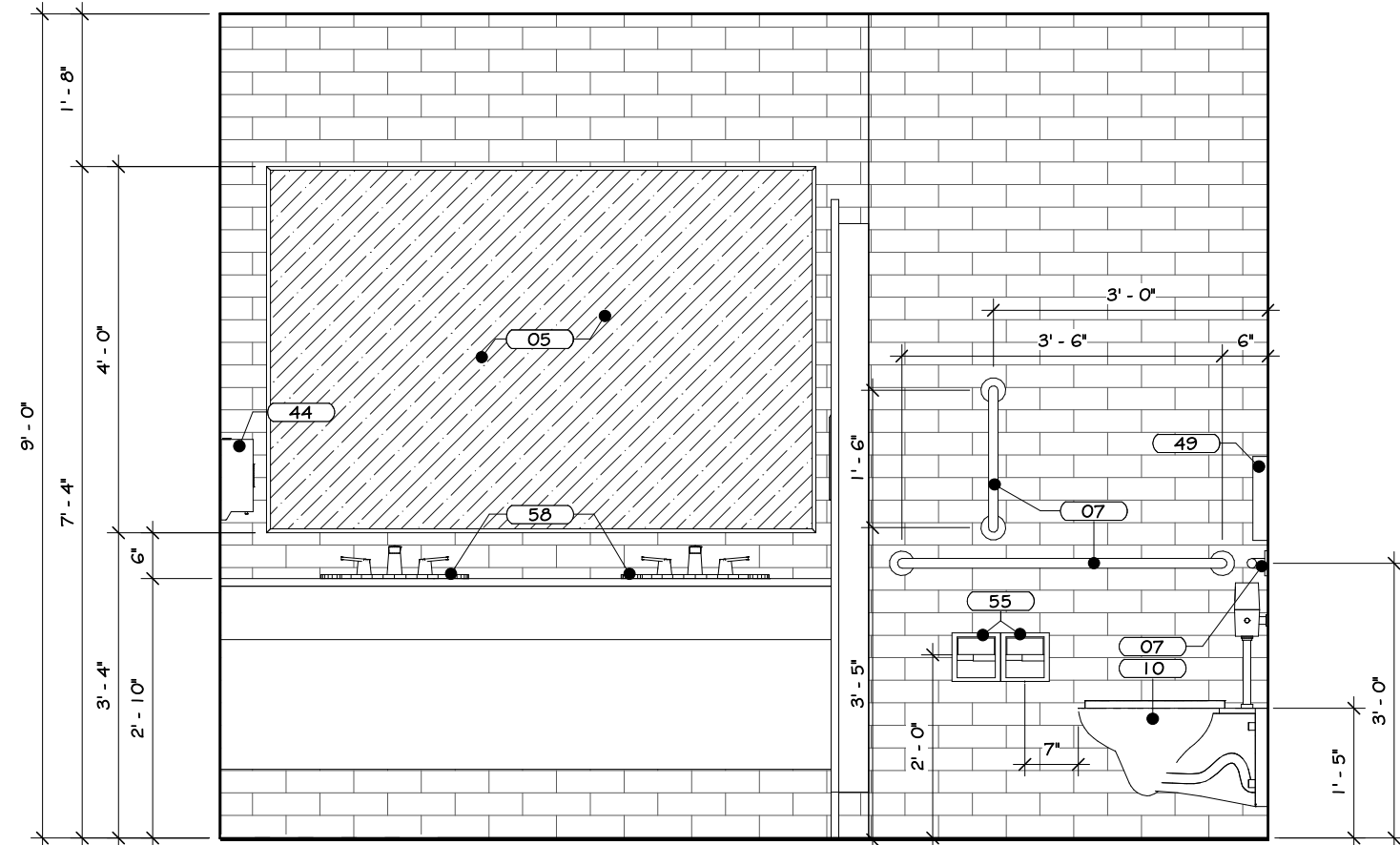




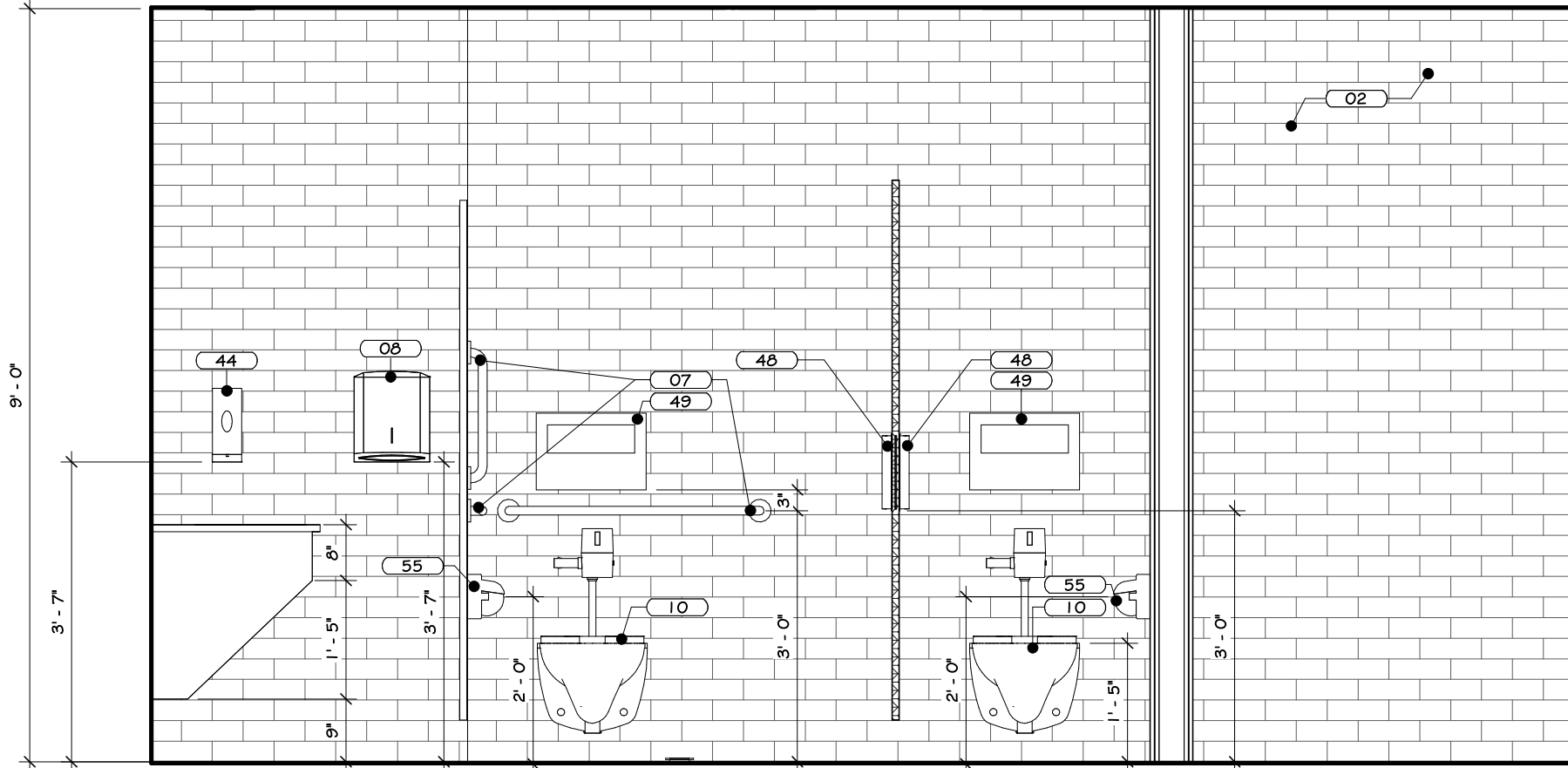
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1/2" = 1'-0"



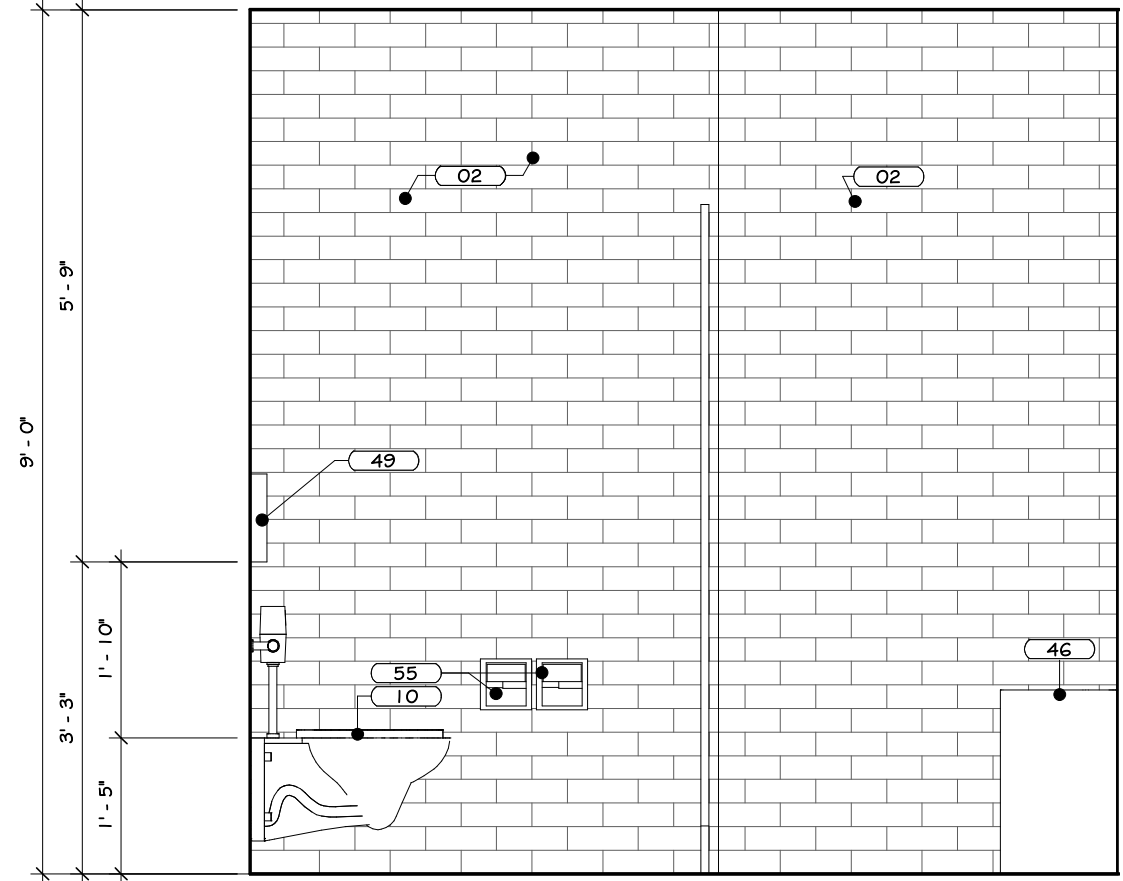
ELEVATION A



ELEVATION B

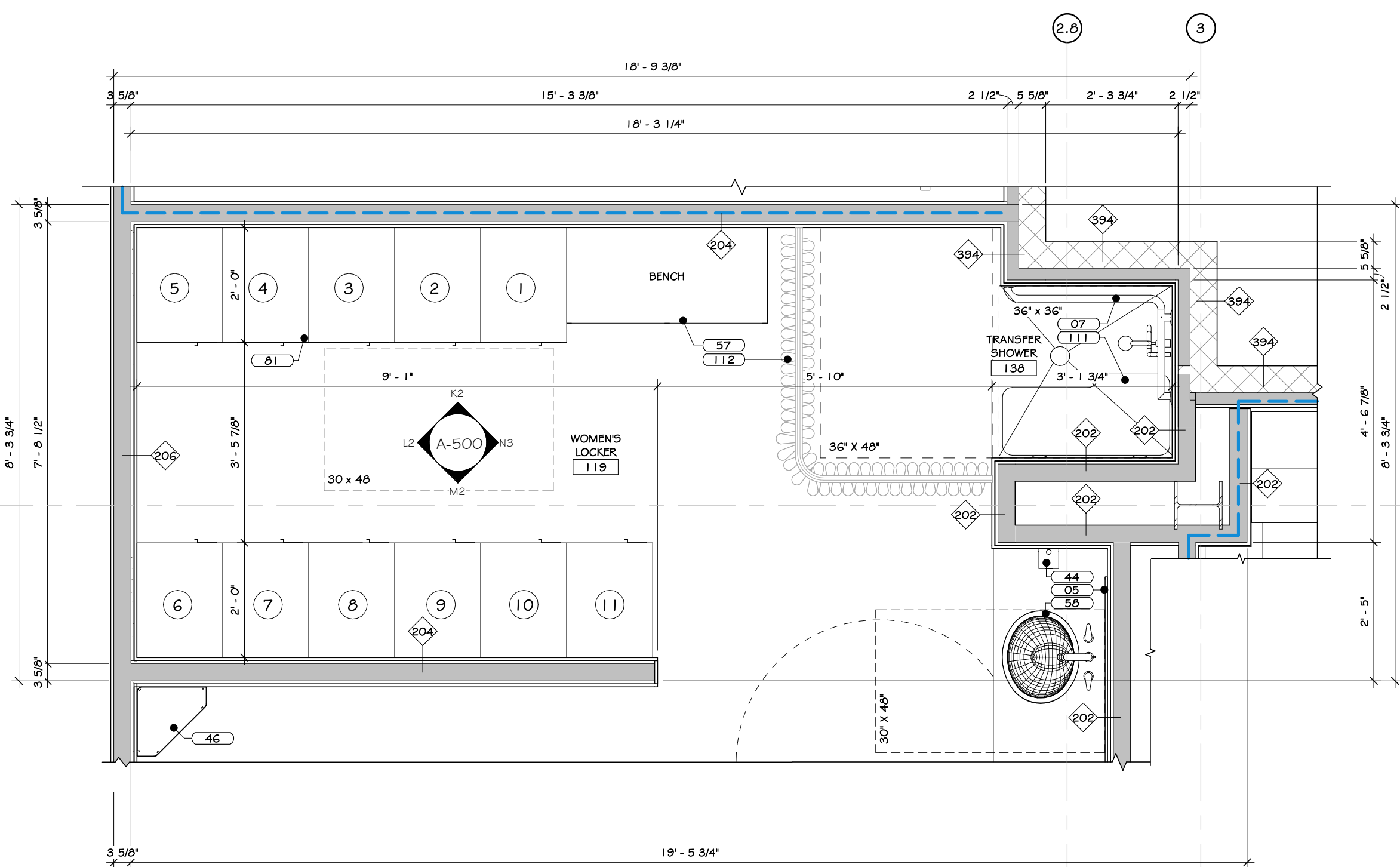


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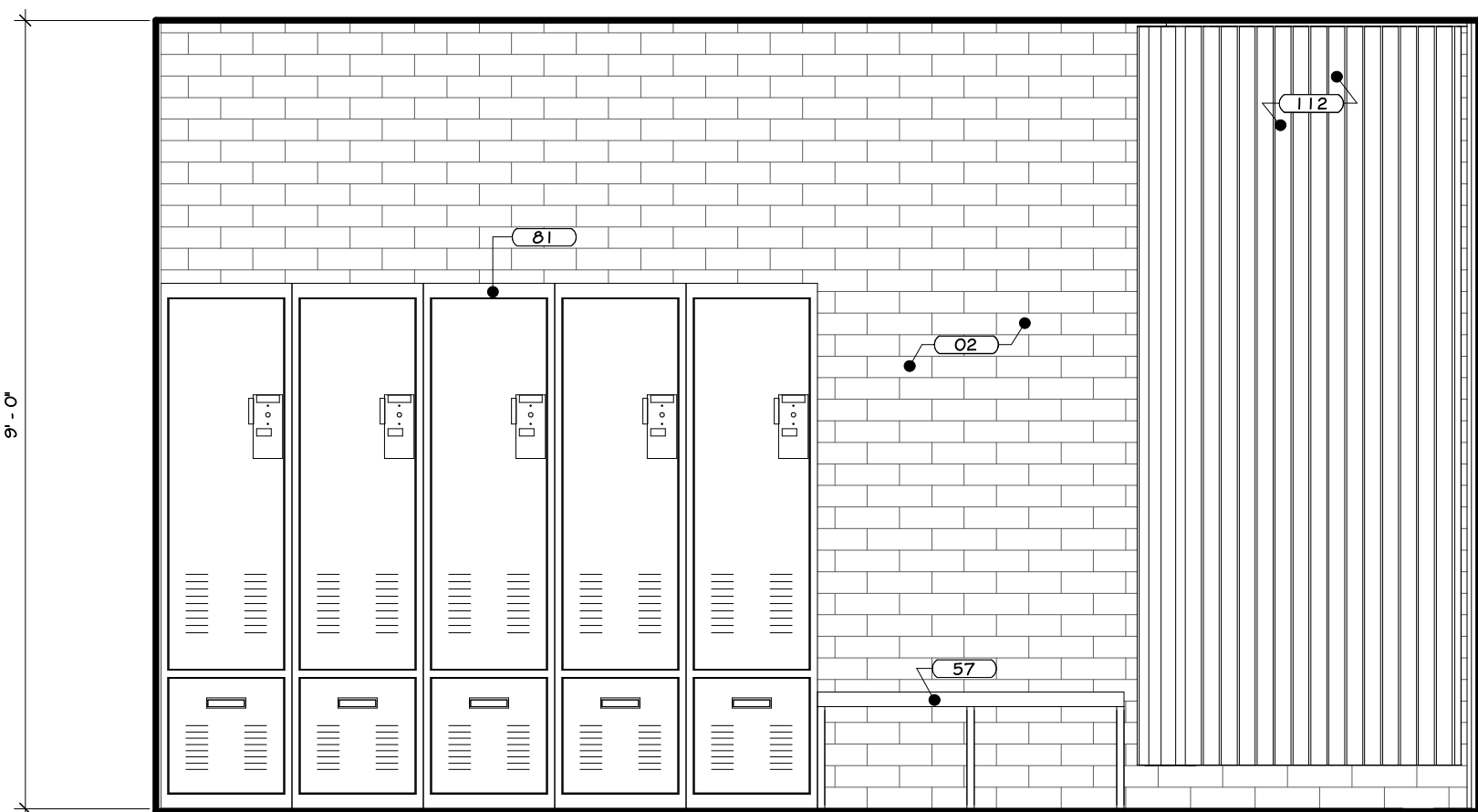


ELEVATION D

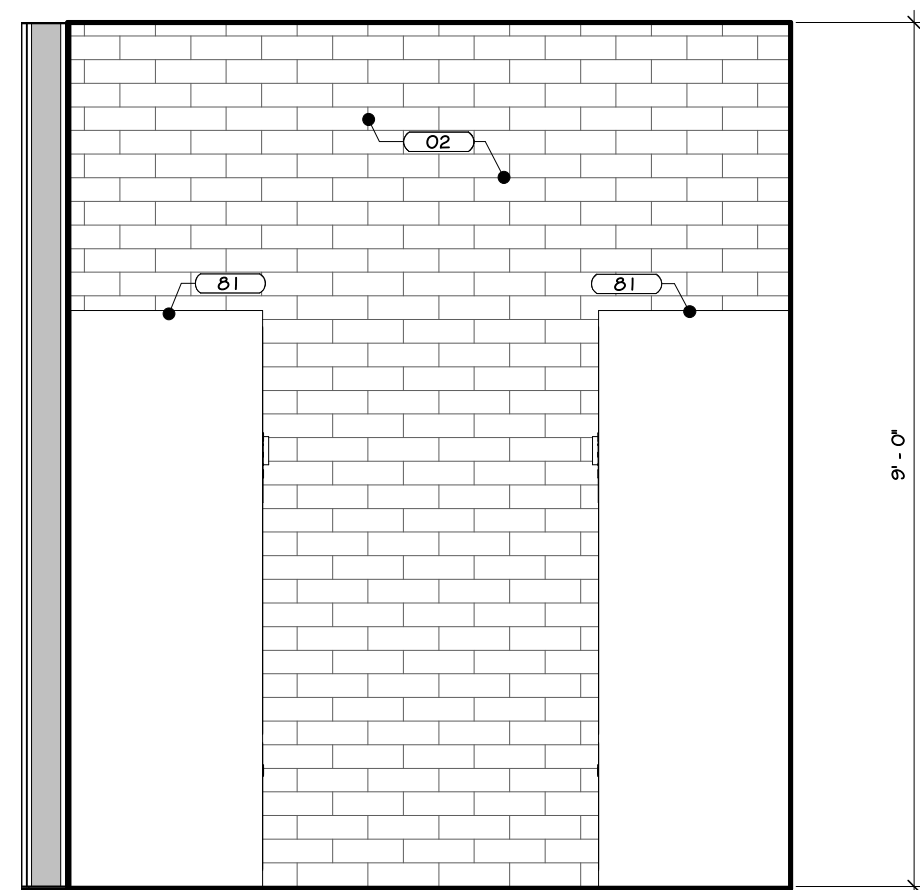
2 WOMEN'S TOILET #118 INTERIOR ELEVATIONS  
1/2" = 1'-0"



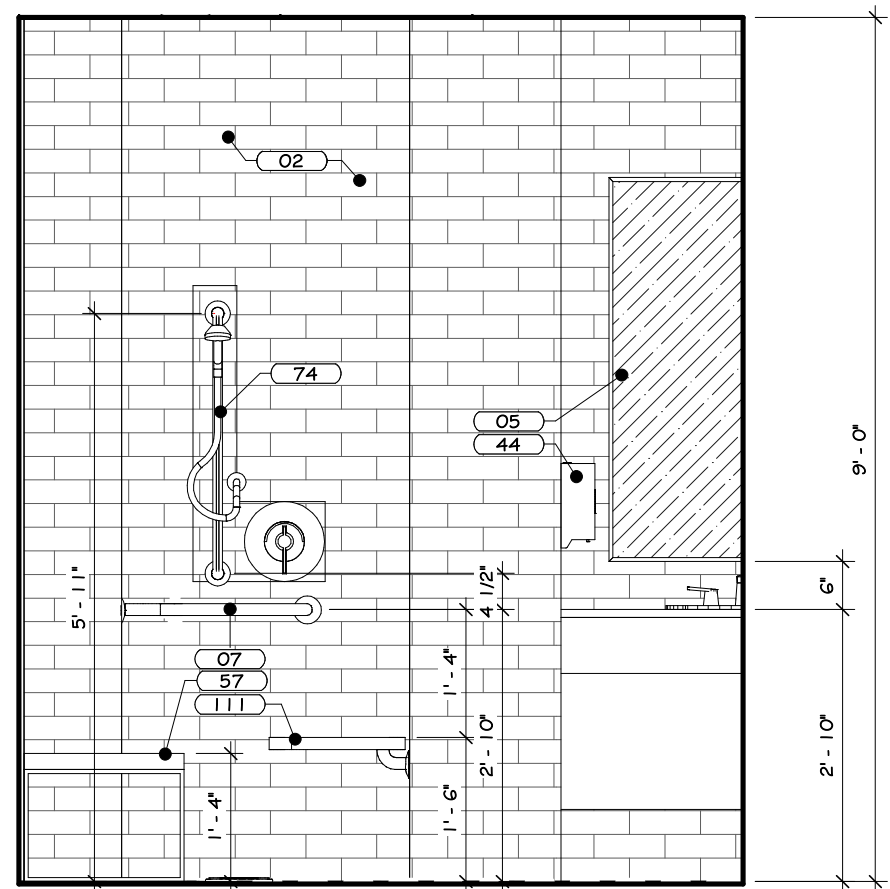
3 WOMENS LOCKER #119 ENLARGED PLAN  
1/2" = 1'-0"



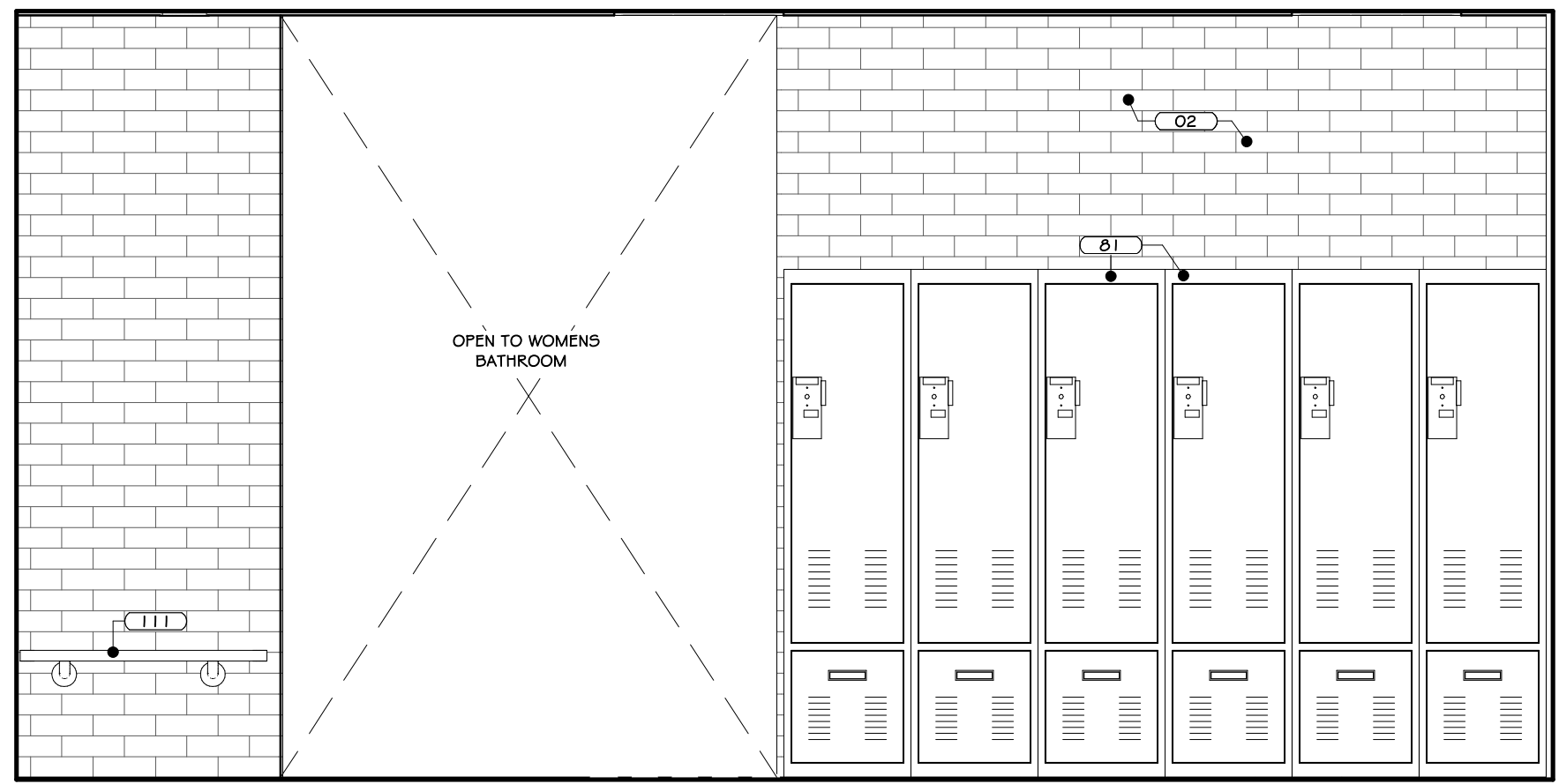
ELEVATION K2



ELEVATION L2



ELEVATION N3



ELEVATION M2

4 WOMENS TOILET #119 & TRANSFER TOILET #138 INTERIOR ELEVATION  
1/2" = 1'-0"

## CONSTRUCTION NOTES

- REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
- INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
- TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE, ETC.) ARE TO RECEIVE SCHLITZER EDGE TRIM.
- SPF BOARD TO BE PAINTED WALL IN COLORS AS PER PAINT PLAN. SEE PAINT PLAN.
- PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SIGNAGE, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
- WALL MOUNTED MIRRORS, GC TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT.
- EXPLODED CHART TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPECS APPLIANCES, INCLUDING REFRIGERATOR, MIC WAVE MAKER, DISHWASHERS, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER. INSTALLED BY G.C.
- VENDING MACHINE ARE BY OWNER'S VOICE. SEE PLAN FOR QUANTITY.
- TV SIZE 4 LOCATIONS TO BE CONFIRMED WITH OWNER.
- WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S TRAV CONSULTANT FOR ALL AV EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.) W/POWER & DATA. SEE SPECIFICATIONS FOR VARIOUS MOUNTING HEIGHTS AT OFFICES, CONFERENCE ROOMS, BREAK ROOM, TRAINING AREAS, CAFE, ETC.
- DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
- WOOD APRON AND/OR SLIPING FOUNTAIN IS TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SOAP AND ACCESS TO PLUMBING.
- BELOW COUNTER MICROWAVE SHELVES TO ACCOMMODATE A 24" MIN MICROWAVE.
- INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE SCORBED FILLER PANELS AS REQUIRED AT WALLS/CEILINGS.

## KEY NOTES

02	GLAZED WALL TILE - SEE SPECS.
03	INTERIOR LATE PAINT - SEE SPECS.
05	MIRROR, SEE SPECS.
07	GRAB BARS, SEE SPECS.
09	PAPER TOWEL DISPENSER, SEE SPECS.
10	WALL HUNG TOILET - SEE SPECS.
44	AUTOMATED SOAP/LATHER DISPENSER, WALL-MOUNTED - SEE SPECS.
46	GARBAGE CAN - SEE SPECS.
48	SMELTER HATBOX DISPOSAL UNIT, BACK-TO-BACK, PARTITION MOUNTING - SEE SPECS.
49	SEAT COVER DISPENSER, SURFACE-MOUNTED - SEE SPECS.
53	MIRRORS: STAINLESS STEEL FRAMED, 1/4" THICK GLASS, 24" X 48" - SEE SPECS.
55	TOILET PAPER DISPENSER, DOUBLE ROLL, SURFACE MOUNT - SEE SPECS.
57	HARDWOOD LOCKER BENCH - SEE SPECS.
58	LAUNDRY, UNDERMOUNT - SEE SPECS.
61	HEAVY DUTY METAL LOCKERS, SINGLE TIER WITH DRAWER BELOW - SEE SPECS.
82	FLOOR DRAIN, SEE PLUMBING DRAWINGS.
111	BOOKING BENCH - BY OWNER.
112	SHOWER CURTAIN, SEE SPECS.

## REVISIONS:

NUM.	DATE	DESCRIPTION

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Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: WOMEN'S TOILET #118, LOCKER #119 &  
TRANSFER TOILET 138 INT. ELEVATION



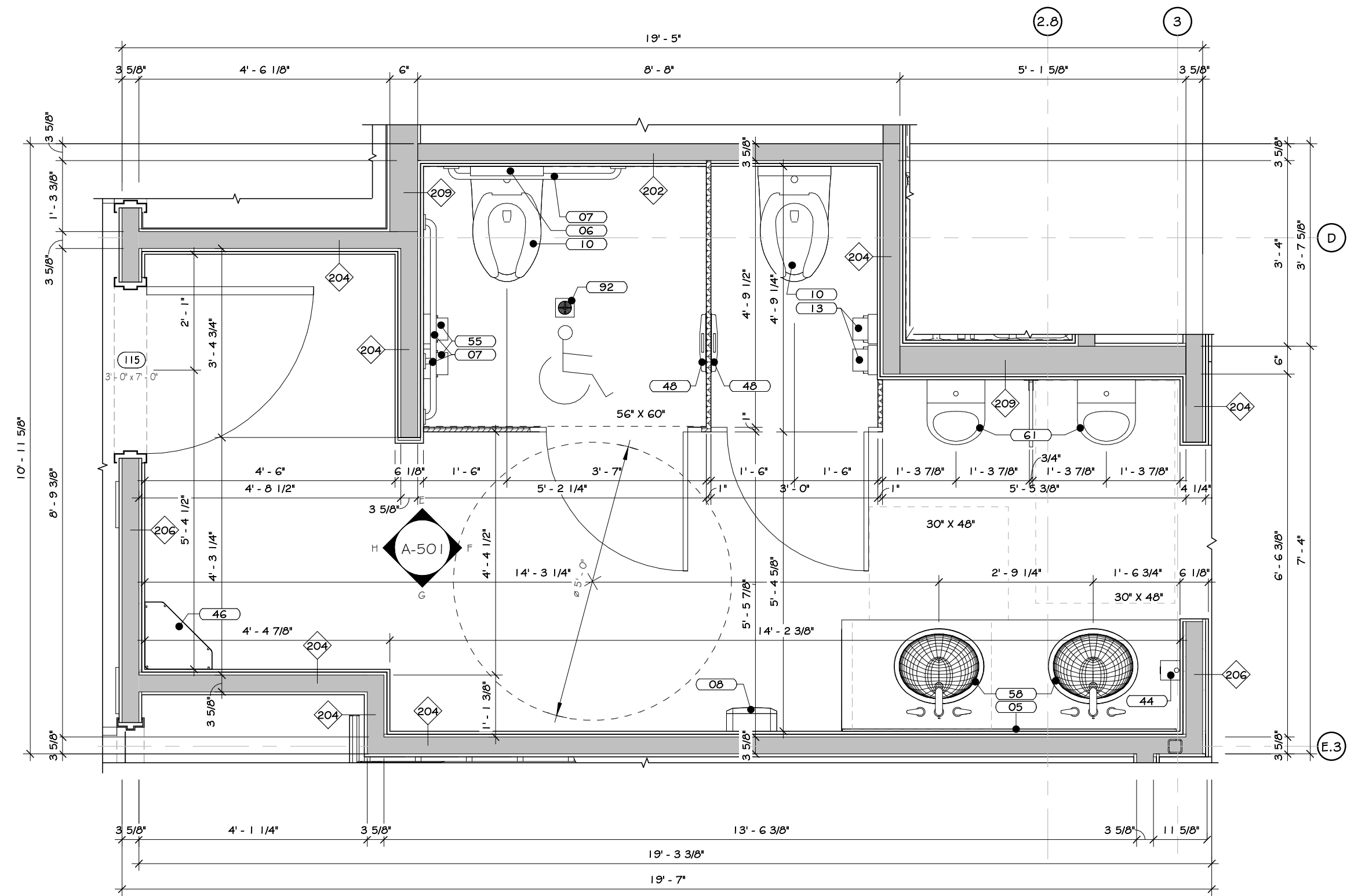
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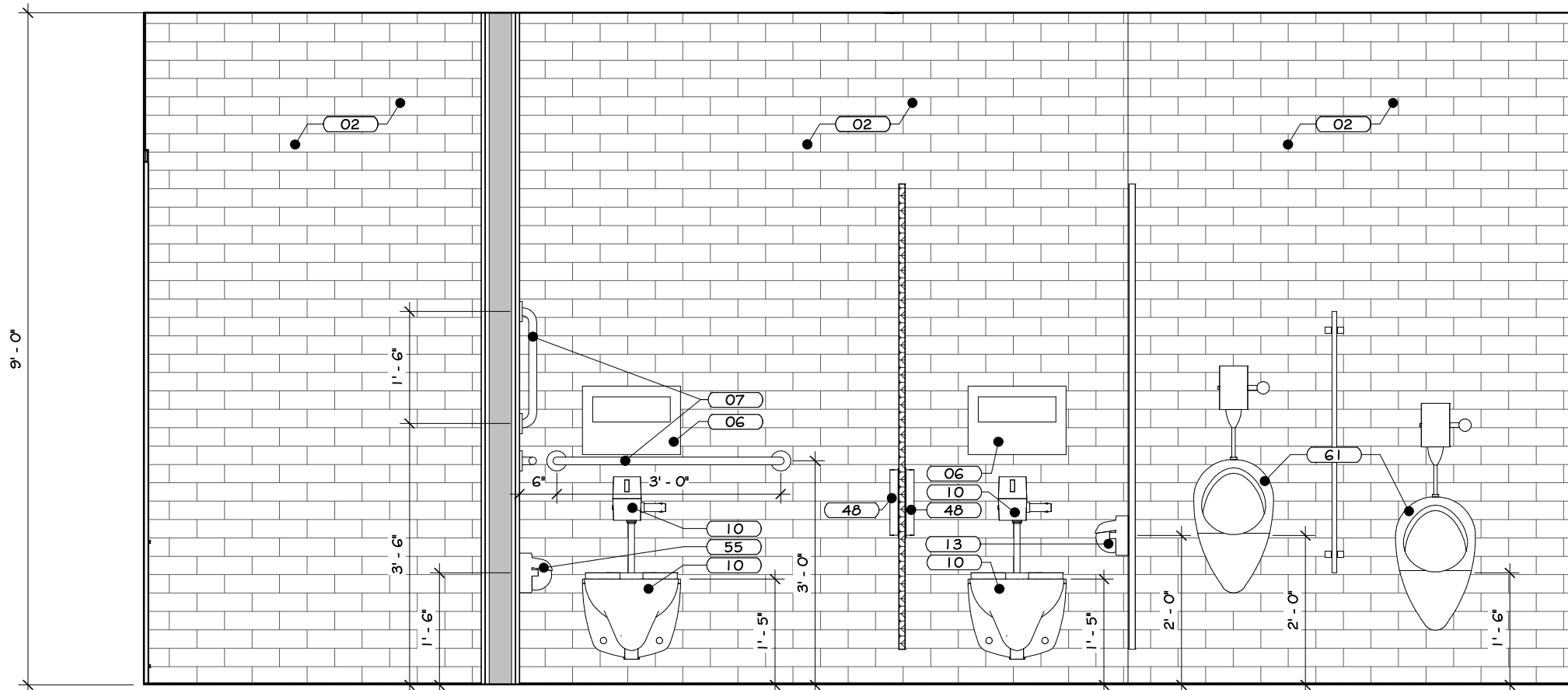
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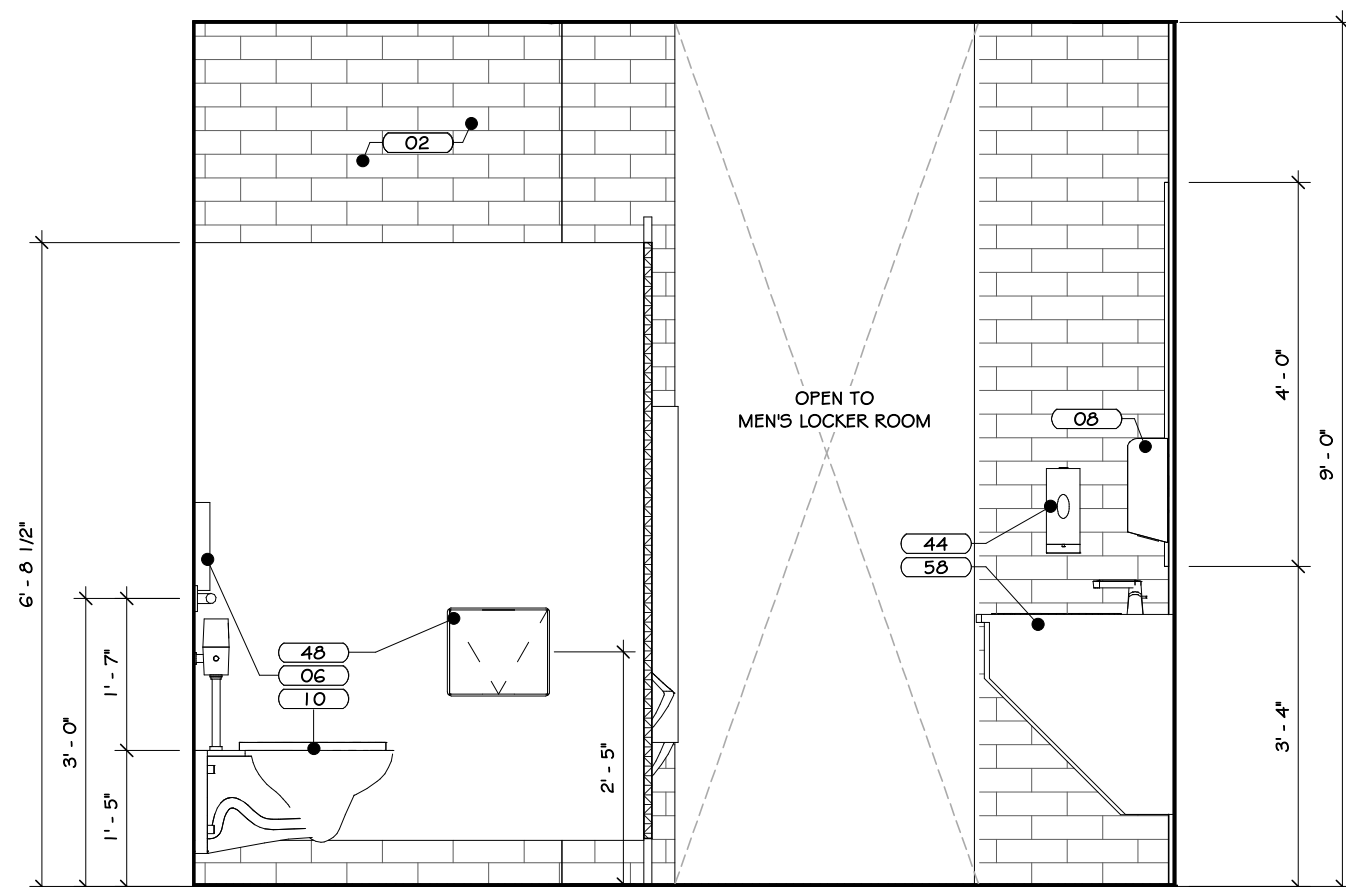




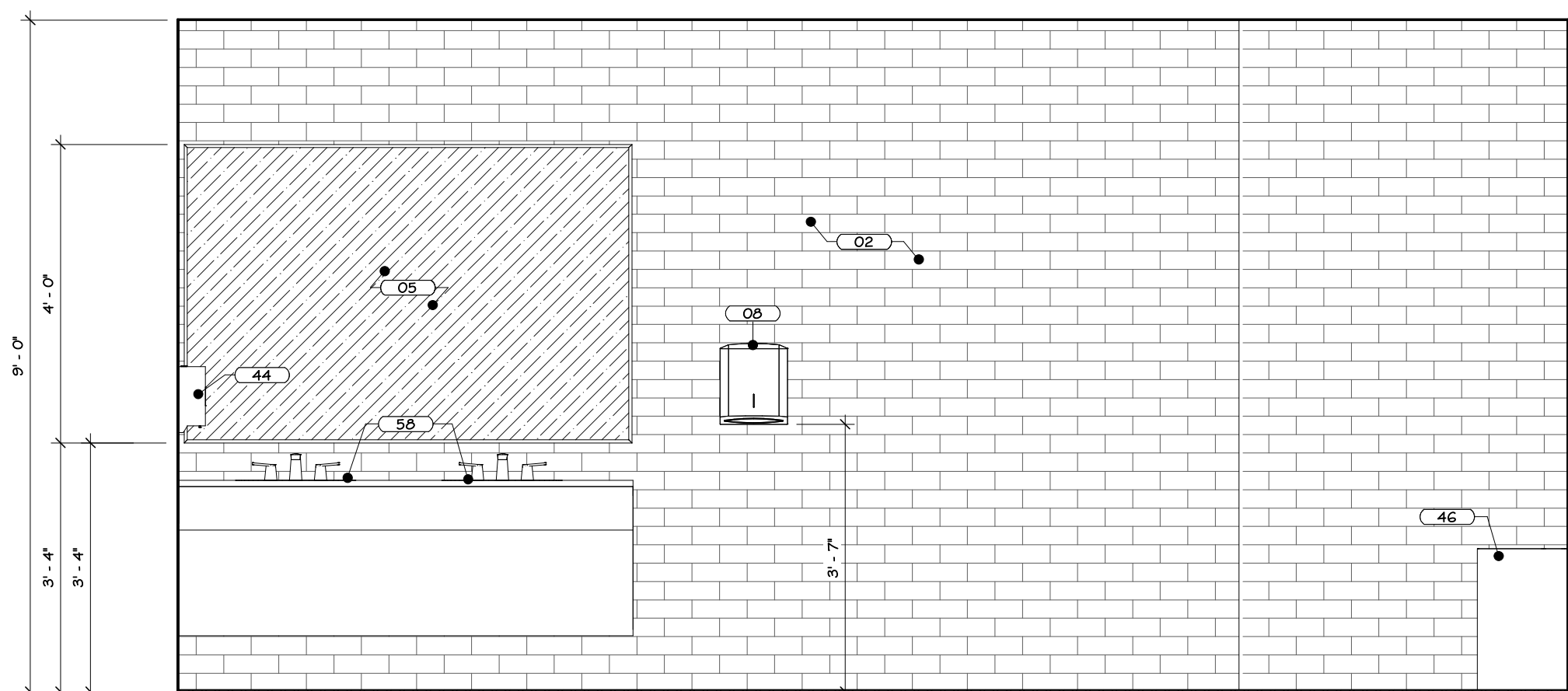
① MEN'S TOILET #115 ENLARGED PLAN  
1/2" = 1'-0"



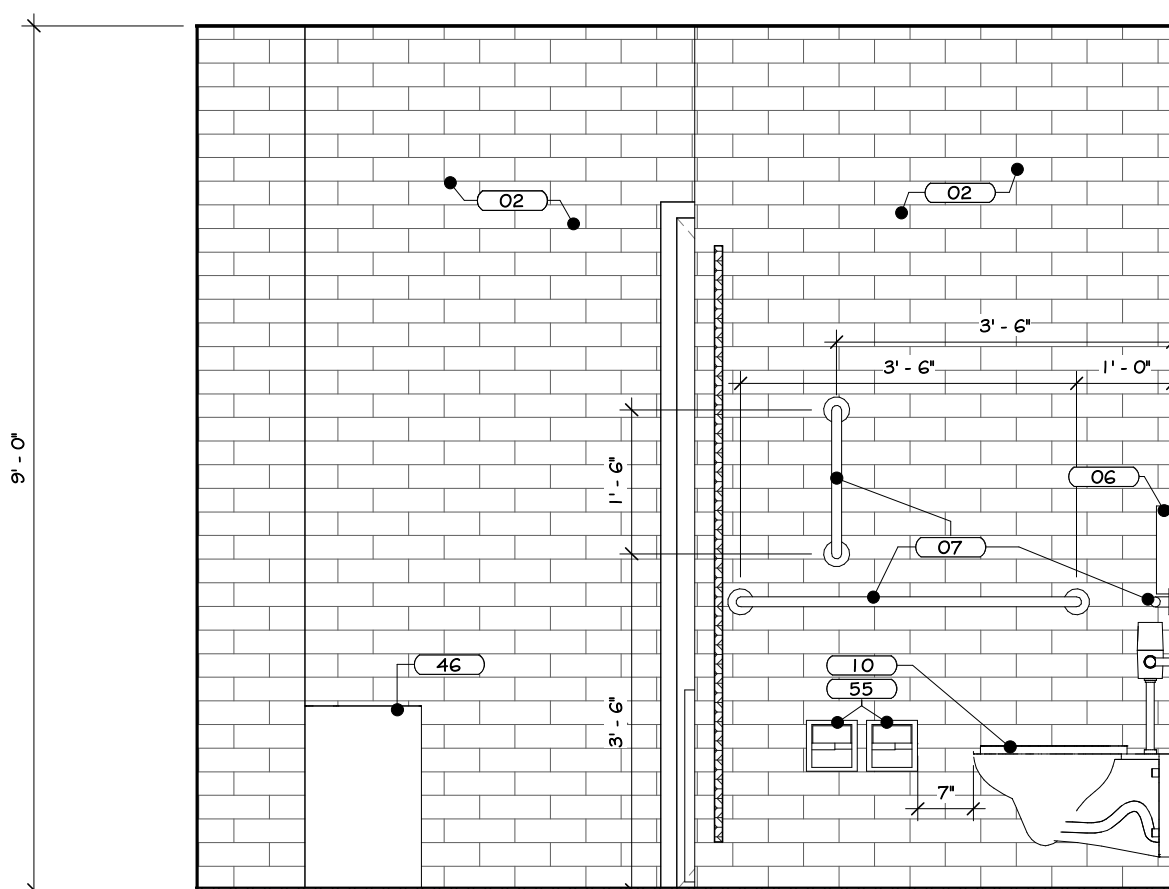
ELEVATION E



ELEVATION F



ELEVATION G



ELEVATION H

② MEN'S TOILET #115 INTERIOR ELEVATIONS  
1/2" = 1'-0"

## CONSTRUCTION NOTES

1. REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
2. INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
3. TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE, ETC. ARE TO RECEIVE SCHLITZER EDGE TRIM.
4. GYP. BOARD TO BE PAINTED WALL IN COLOURS AS PER PAINT PLAN. SEE PAINT PLAN.
5. PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SINKAGE, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
6. WALL MOUNTED MILLWORK, G.C. TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT.
7. EXPOSED CHUB TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPECS. APPLIANCES, INCLUDING REFRIGERATOR, MICROWAVE, DISHWASHER, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER, INSTALLED BY G.C.
8. VENDING MACHINE ARE BY OWNER'S VENDOR. SEE PLAN FOR QUANTITY.
9. TV SIZE & LOCATIONS TO BE CONFIRMED WITH OWNER.
10. WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S IT/AV CONSULTANT FOR ALL AV EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.) W/POWER & DATA. SEE SPECIFICATIONS FOR VARIOUS MOUNTING HEIGHTS AT OFFICES, CONFERENCE ROOMS, BREAK ROOM, TRAINING AREAS, CAFE, ETC.
11. DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
12. WOOD APRON AND/OR SLIPING WOOD PANEL ACCESSIBILITY SCREENS ARE TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SOAP AND ACCESS TO PLUMBING.
13. BELOW COUNTER MICROWAVE SHELVES TO ACCOMMODATE A 24" MIN. MICROWAVE.
14. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE SCRIBED FILLER PANELS AS REQUIRED AT WALLS/CEILING.

## KEY NOTES

02	GLAZED WALL TILE - SEE SPECS.
06	MIRROR, SEE SPECS.
06	SEAT COVER, SEE SPECS.
07	GRAB BARS, SEE SPECS.
08	PAPER TOWEL DISPENSER, SEE SPECS.
10	WALL HUNG TOILET - SEE SPECS.
13	TOILET PAPER HOLDER, SEE SPECS.
44	AUTOMATED SOAP LATHER DISPENSER, WALL MOUNTED - SEE SPECS.
46	GARBAGE CAN - SEE SPECS.
48	SANITARY WASTE DISPOSAL UNIT, BACK-TO-BACK PARTITION MOUNTING - SEE SPECS.
55	TOILET PAPER DISPENSER, DOUBLE ROLL, SURFACE MOUNT - SEE SPECS.
58	LAVATORY, UNIMPORTANT - SEE SPECS.
61	WALL HUNG URINAL - SEE SPECS.
62	FLOOR DRAIN, SEE PLUMBING DRAWINGS.

## REVISIONS:

NUM.	DATE	DESCRIPTION

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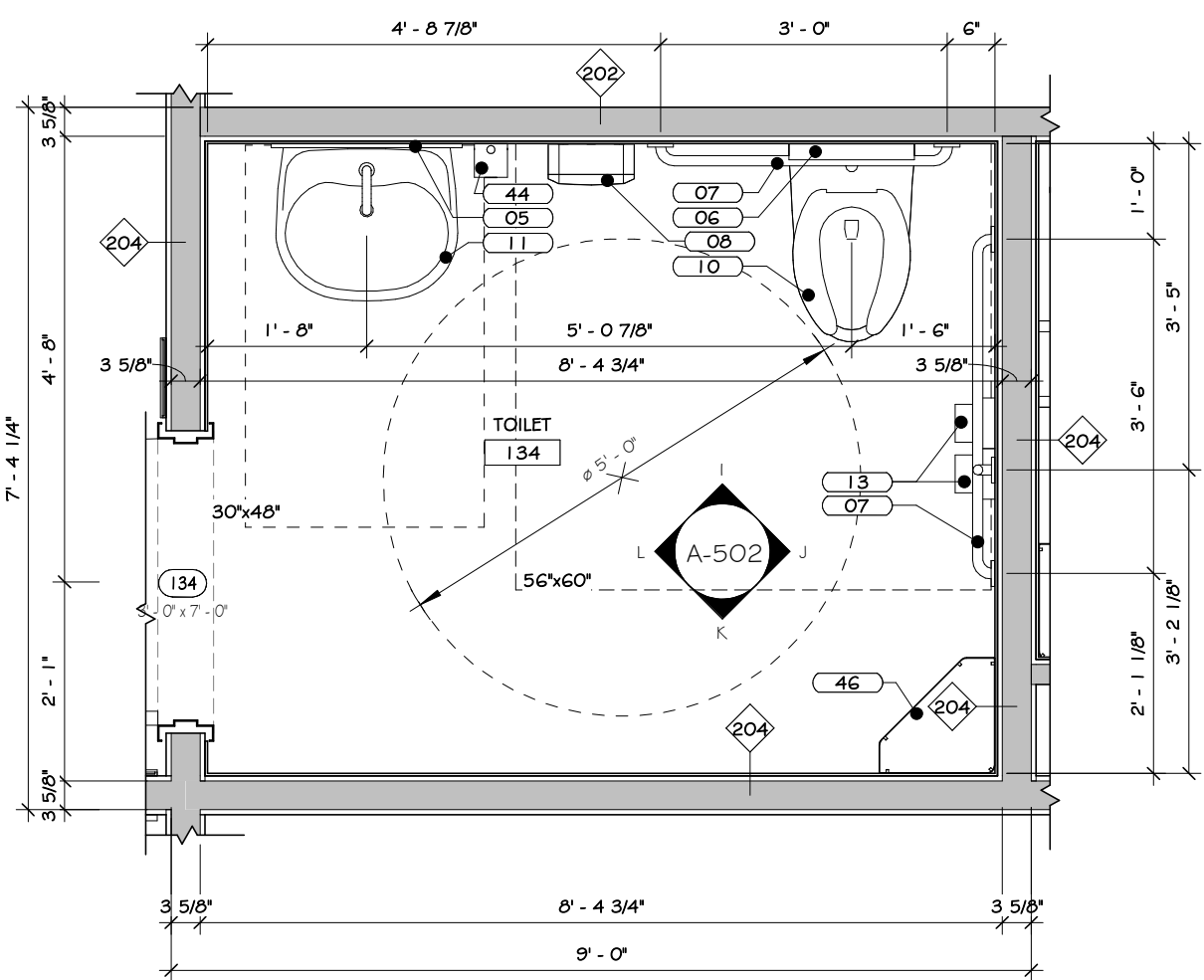
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033127

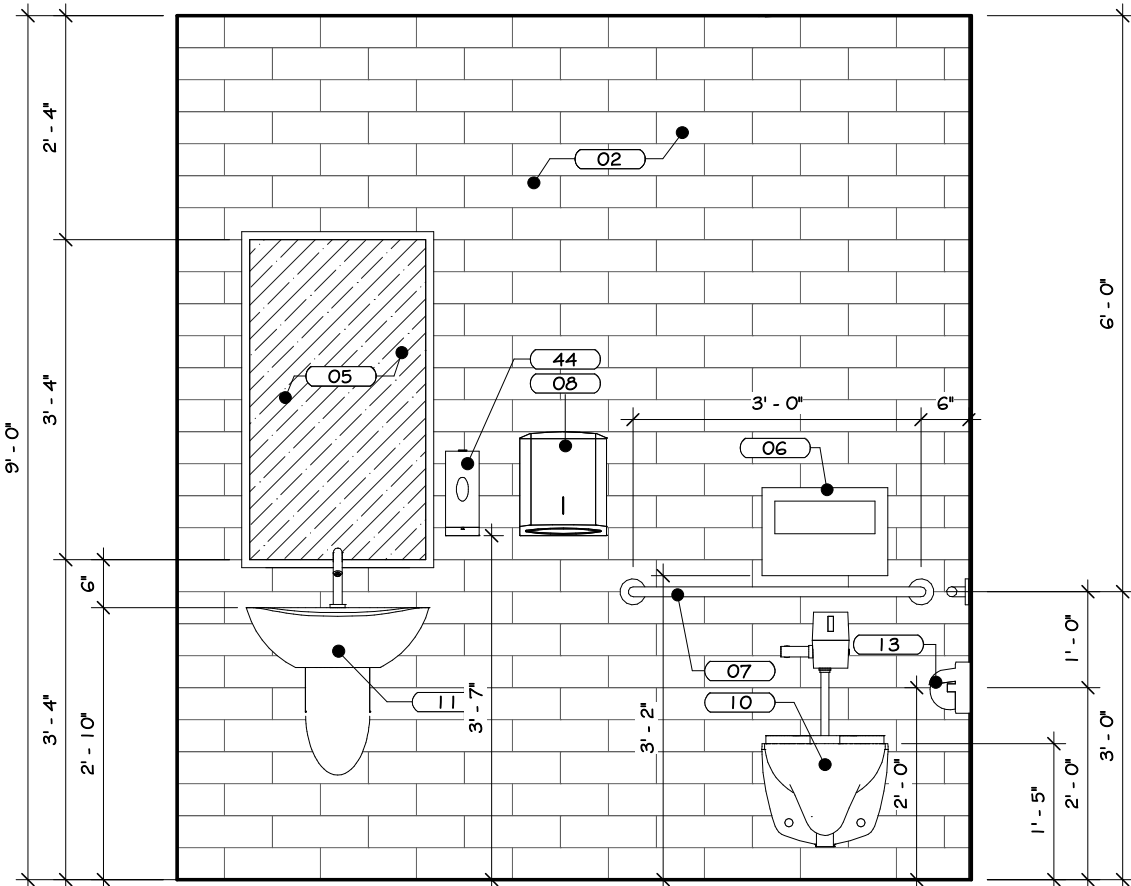
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A-501

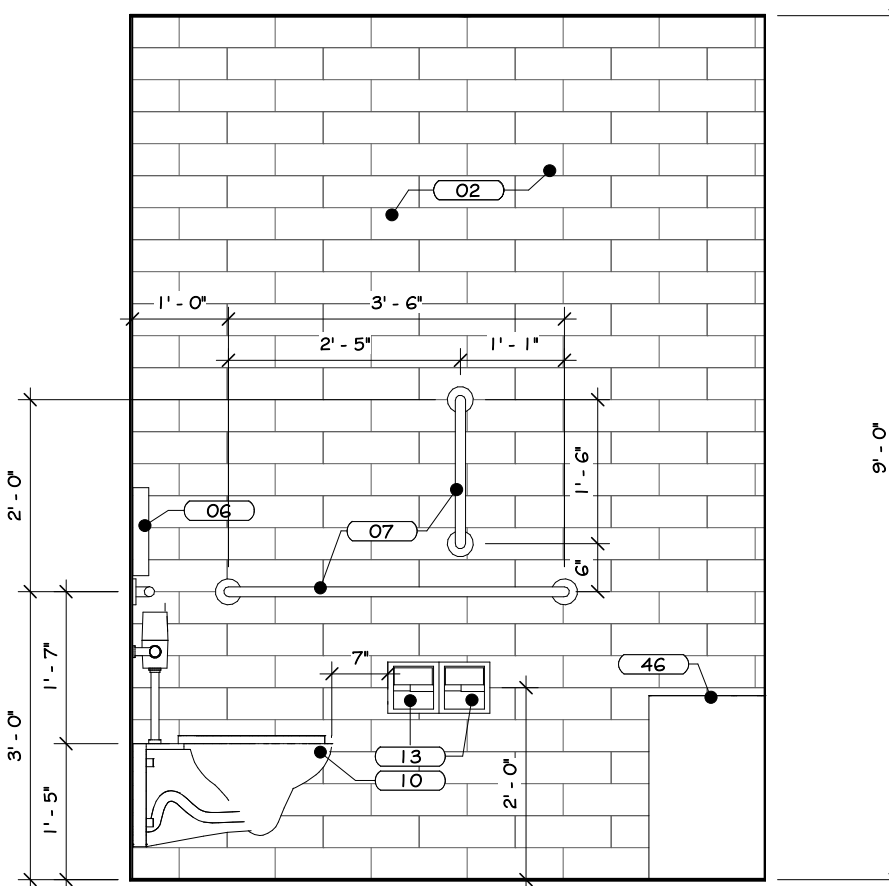




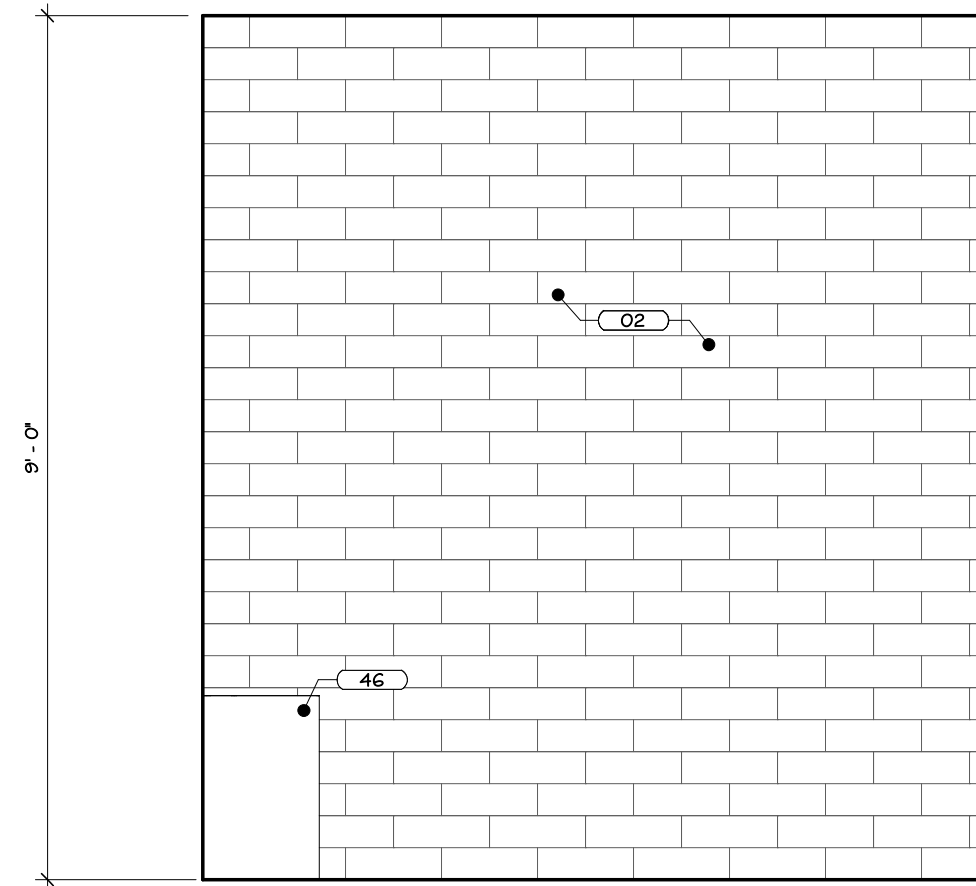
1 TOILET #134 ENLARGED PLAN  
1/2" = 1'-0"



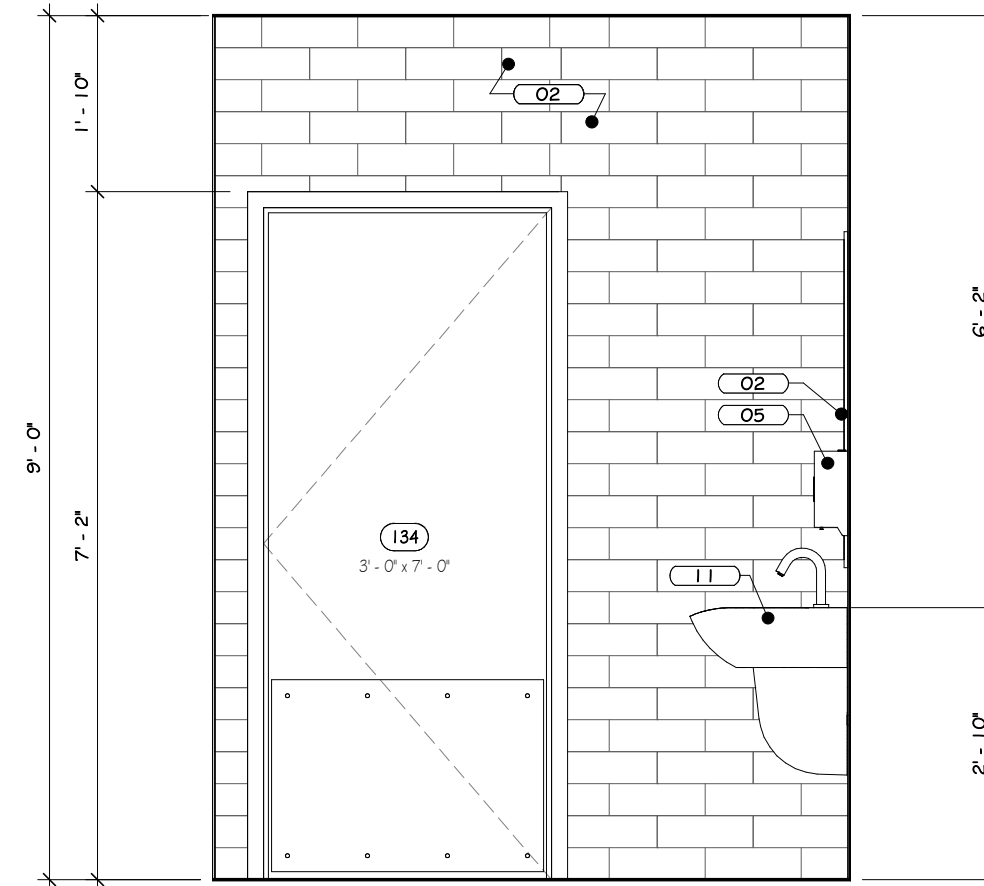
ELEVATION I



ELEVATION J

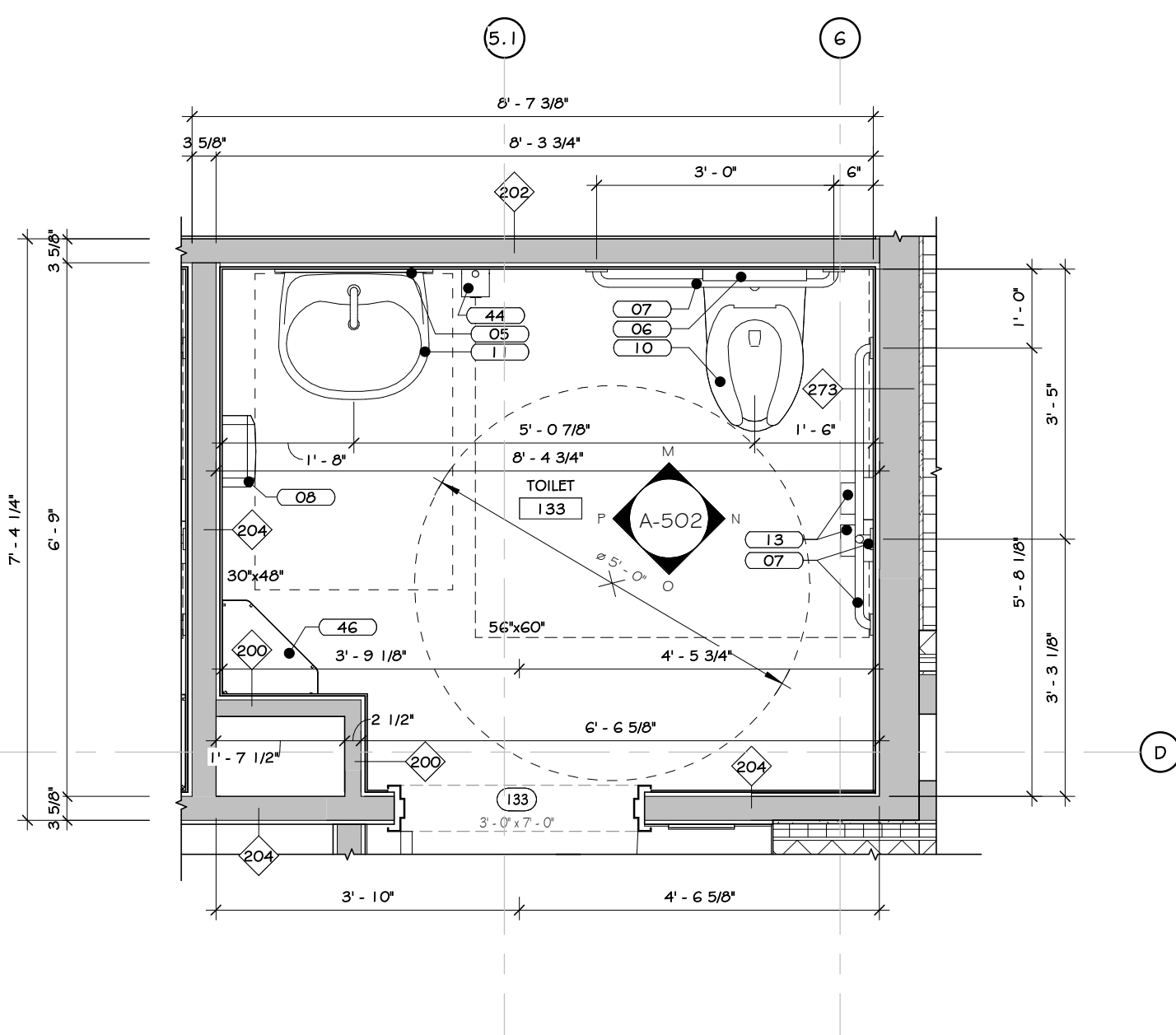


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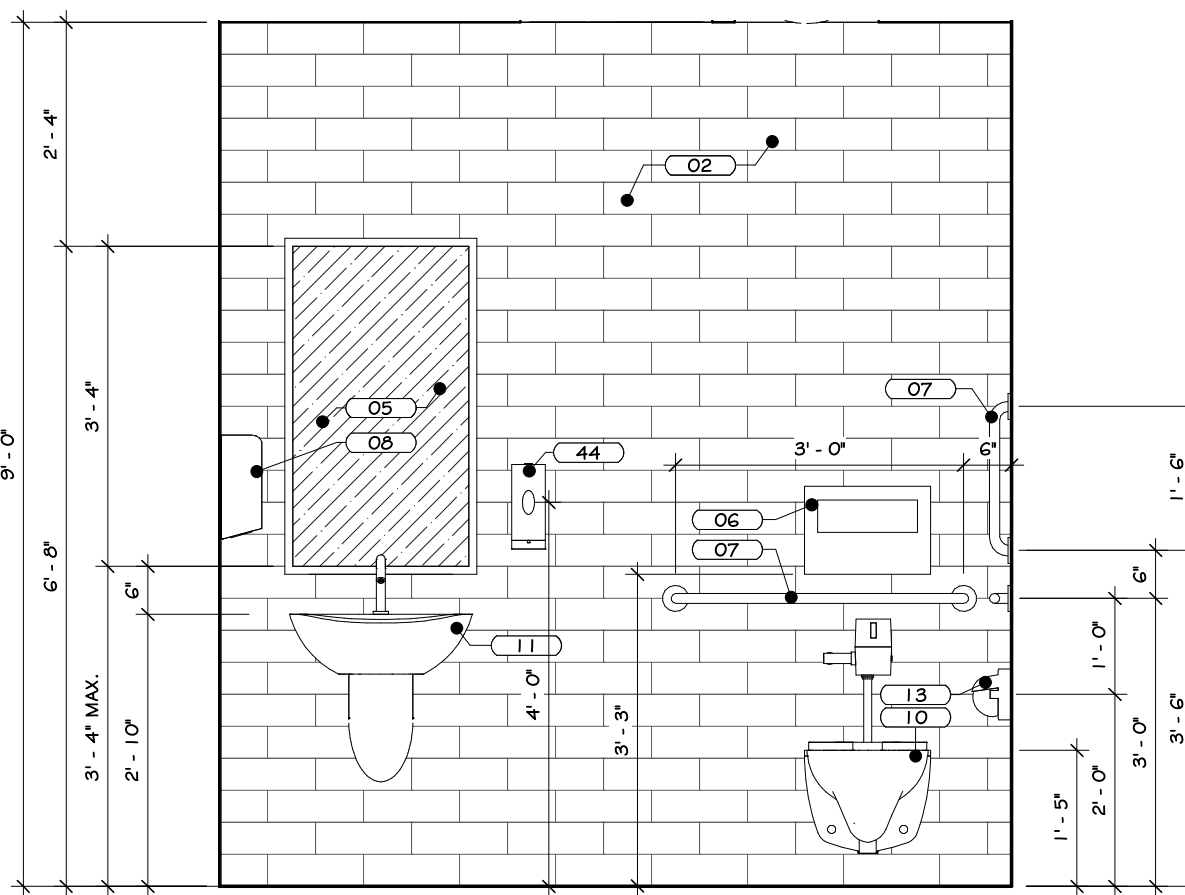


ELEVATION L

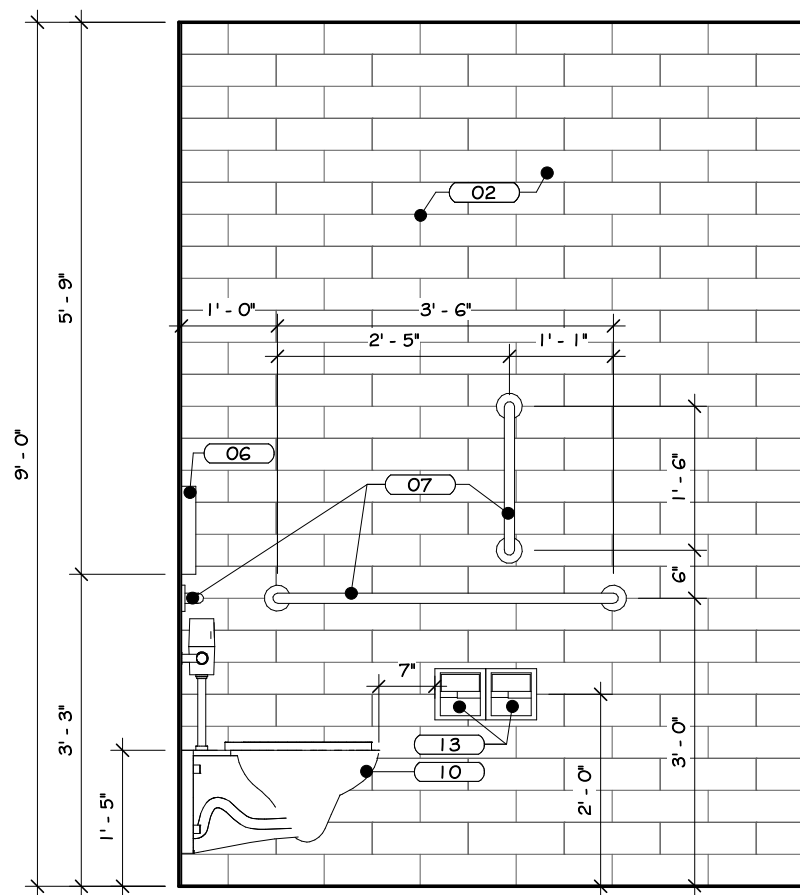
2 TOILET #134 INTERIOR ELEVATIONS  
1/2" = 1'-0"



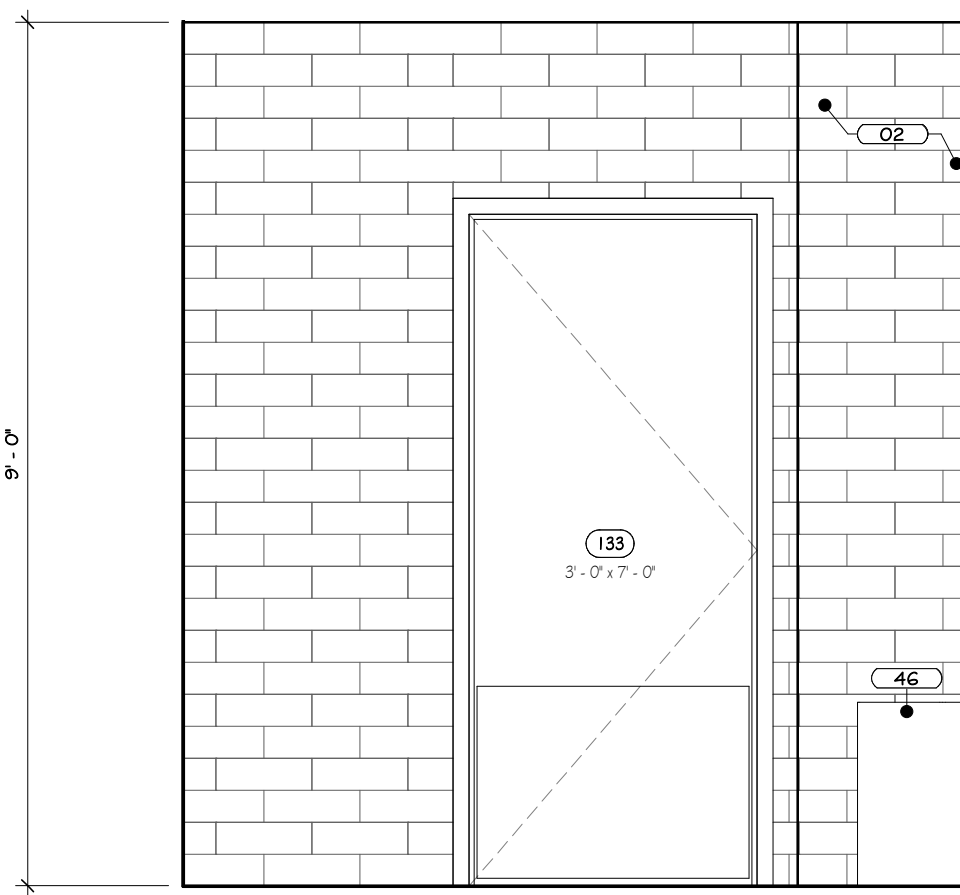
3 TOILET #133 ENLARGED PLAN  
1/2" = 1'-0"



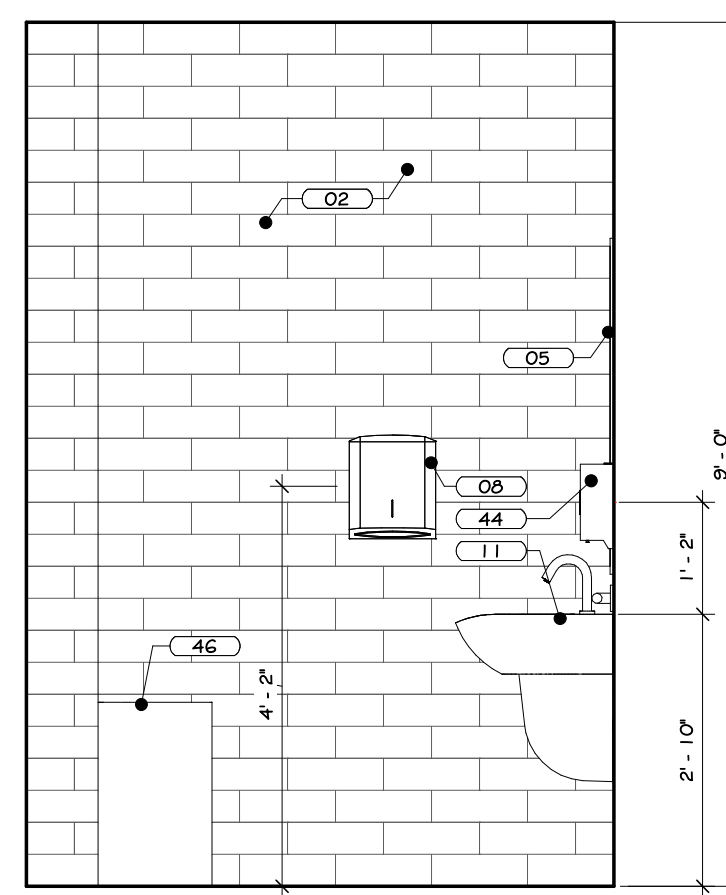
ELEVATION M



ELEVATION N



ELEVATION O

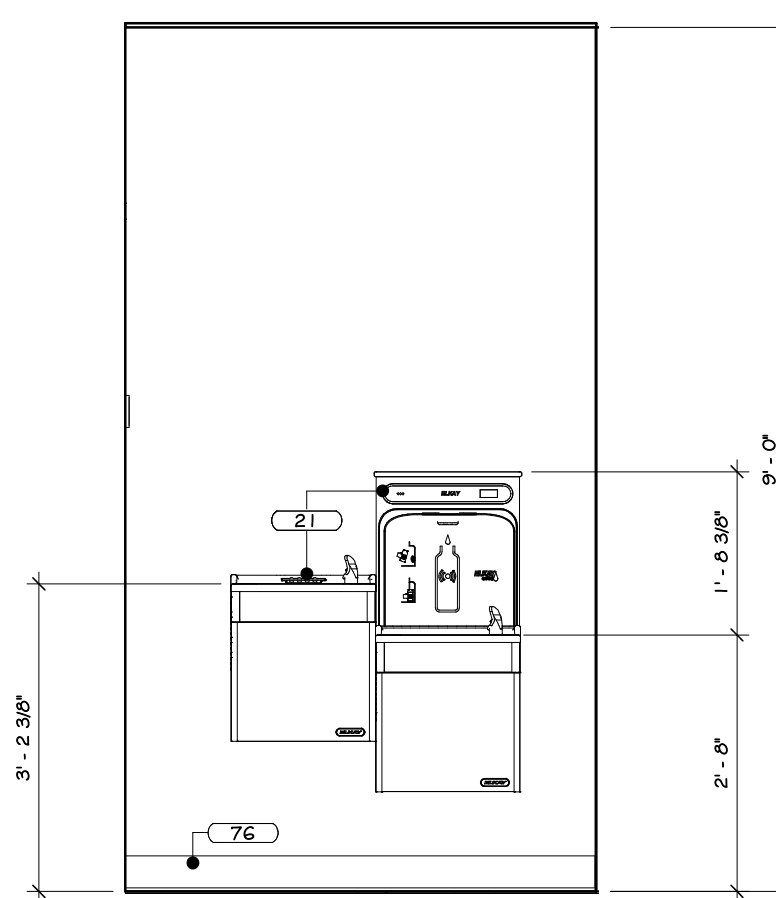


ELEVATION P

4 TOILET #133 INTERIOR ELEVATIONS  
1/2" = 1'-0"

## CONSTRUCTION NOTES

1. REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
2. INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
3. TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE, ETC.) ARE TO RECEIVE SCHLITZER EDGE TRIM.
4. GYP. BOARD TO BE PAINTED WALL IN COLORS AS PER PAINT PLAN. SEE PAINT PLAN.
5. PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SINKS, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
6. WALL MOUNTED MILLWORK, GC TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT.
7. EXPOSED CHUBB TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPECS. APPLIANCES, INCLUDING REFRIGERATOR, MICROWAVE, DISHWASHERS, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER, INSTALLED BY G.C.
8. VENDING MACHINE ARE BY OWNER'S VOICE. SEE PLAN FOR QUANTITY.
9. TV SIZE & LOCATIONS TO BE CONFIRMED WITH OWNER & DATA. SEE SPECIFICATIONS FOR VARIOUS MOUNTING HEIGHTS (TV, SCREENS, PROJECTORS, ETC.)
10. WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S STAY CONSULTANT FOR ALL AV EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.)
11. DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
12. WOOD AFRONS AND/OR SLIPING WOOD PANEL ACCESSIBILITY SCREENS ARE TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SOAP AND ACCESS TO PLUMBING.
13. BELOW COUNTER MICROWAVE SHELVES TO ACCOMMODATE A 24" MIN. MICROWAVE.
14. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT. CONTRACTOR TO VERIFY ALL DIMENSIONS, PROVIDE SCRIBED FILLER PANELS AS REQUIRED AT WALLS/CEILINGS.



7 WATER FOUNTAIN ELEVATION  
1/2" = 1'-0"

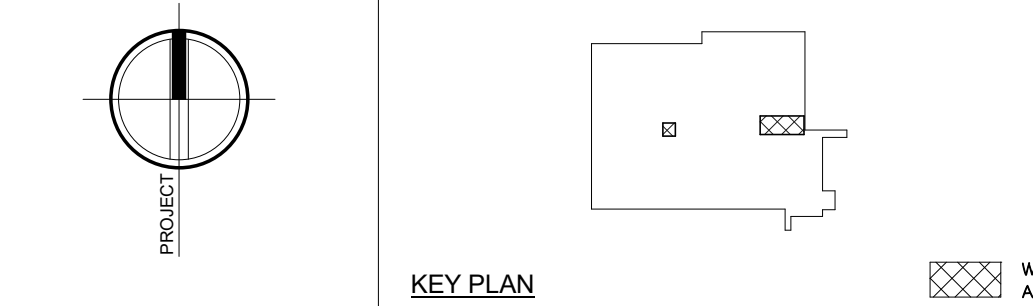
## KEY NOTES

02	GLAZED WALL TILE - SEE SPECS.
03	INTERIOR LATEX PAINT - SEE SPECS.
05	MIRROR - SEE SPECS.
06	SEAT COVER, SEE SPECS.
07	GRAB BARS, SEE SPECS.
08	PAPER TOWEL DISPENSER, SEE SPECS.
10	WALL HUNG TOILET - SEE SPECS.
11	ANTI-LIGATURE STAINLESS STEEL WALL HUNG LAVATORY - SEE SPECS.
13	TOILET PAPER HOLDER, SEE SPECS.
21	DRINKING FOUNTAIN - SEE SPECS.
44	AUTOMATED SOAP/LATHER DISPENSER, WALL MOUNTED - SEE SPECS.
46	GARBAGE CAN - SEE SPECS.
76	RESILIENT WALL DASH - SEE SPECS.
106	FLOOR LINE - SEE SPECS.

## REVISIONS:

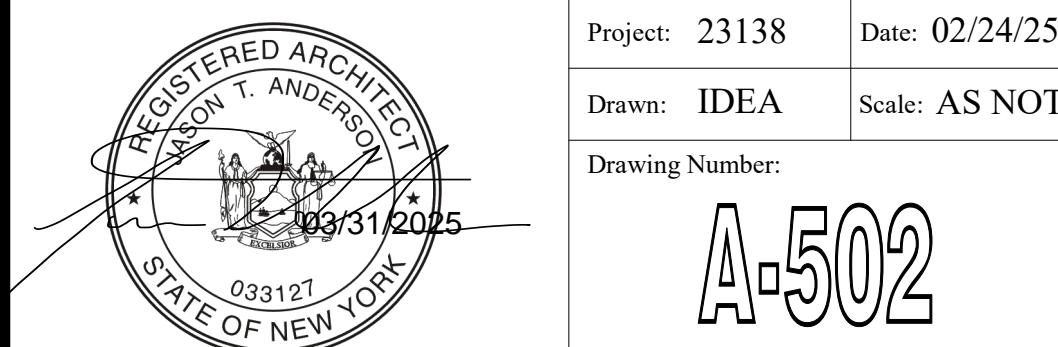
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MONTGOMERY, NEW YORK 12549

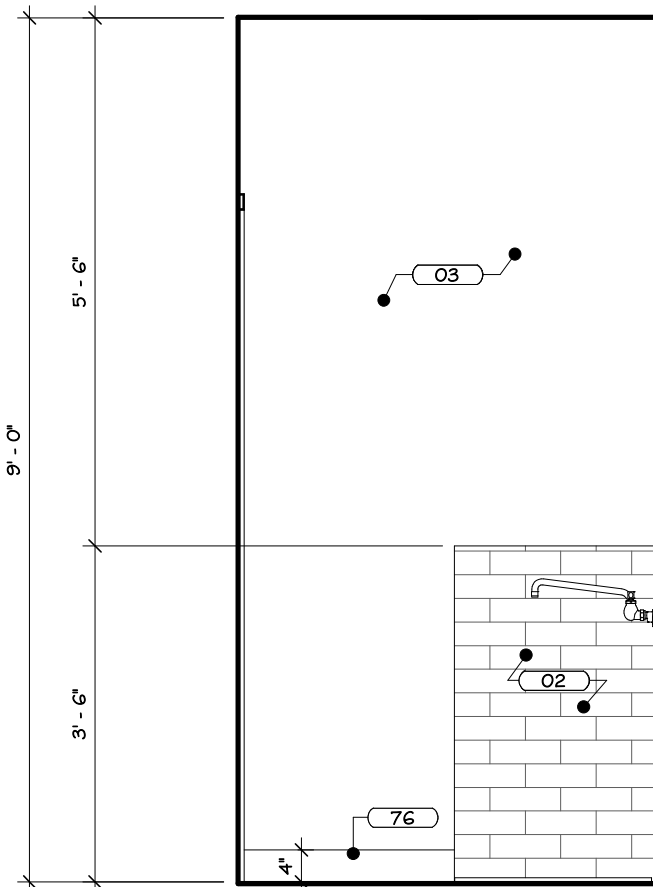
Drawing: TOILET #133, TOILET #134 & JANITOR'S CLO. #117 INT. ELEV.



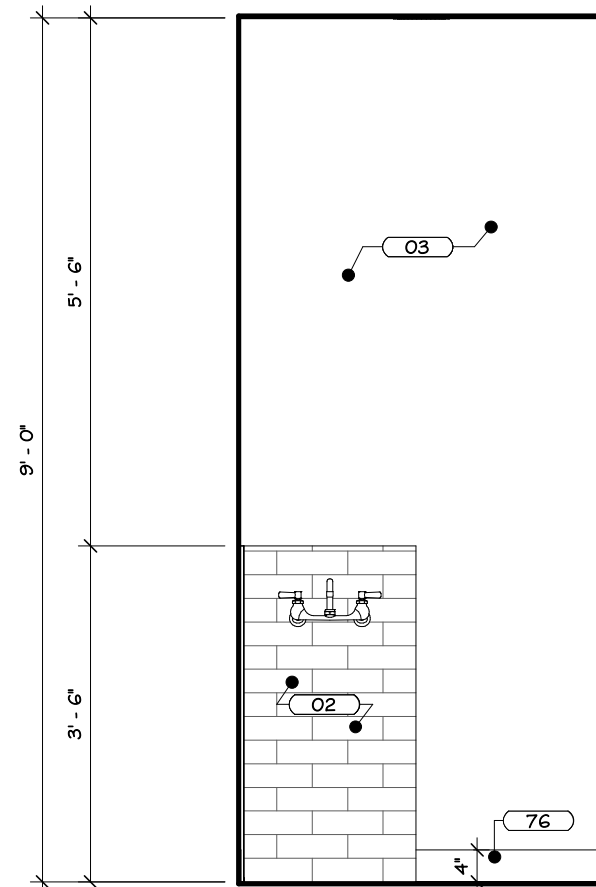
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Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-502

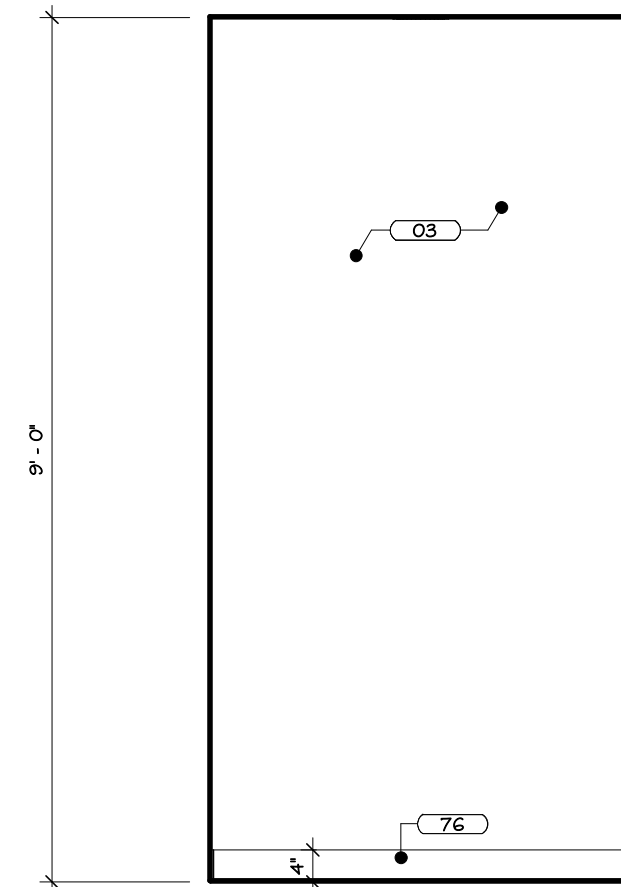
5 JANITOR'S CLOSET #117 ENLARGED PLAN  
1/2" = 1'-0"



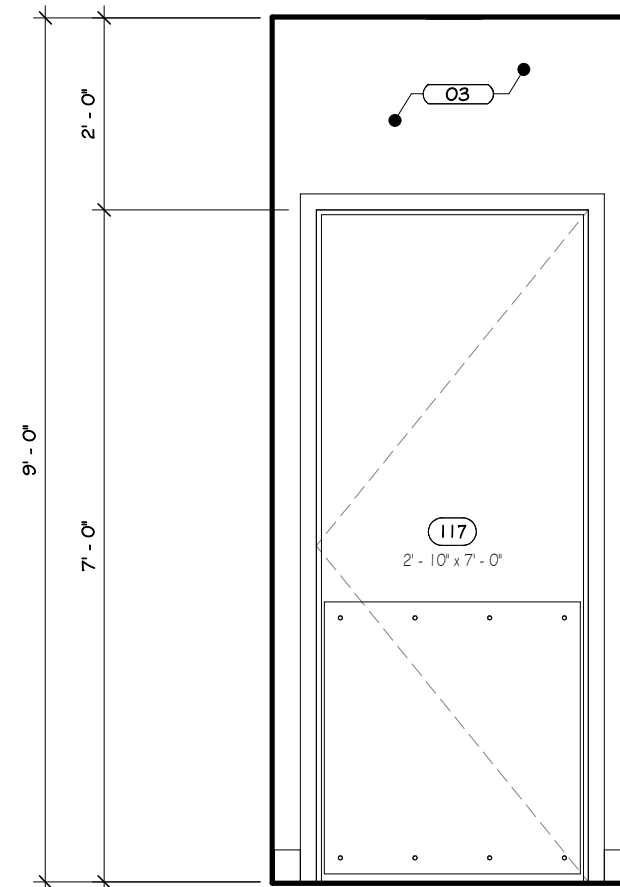
ELEVATION Q



ELEVATION R



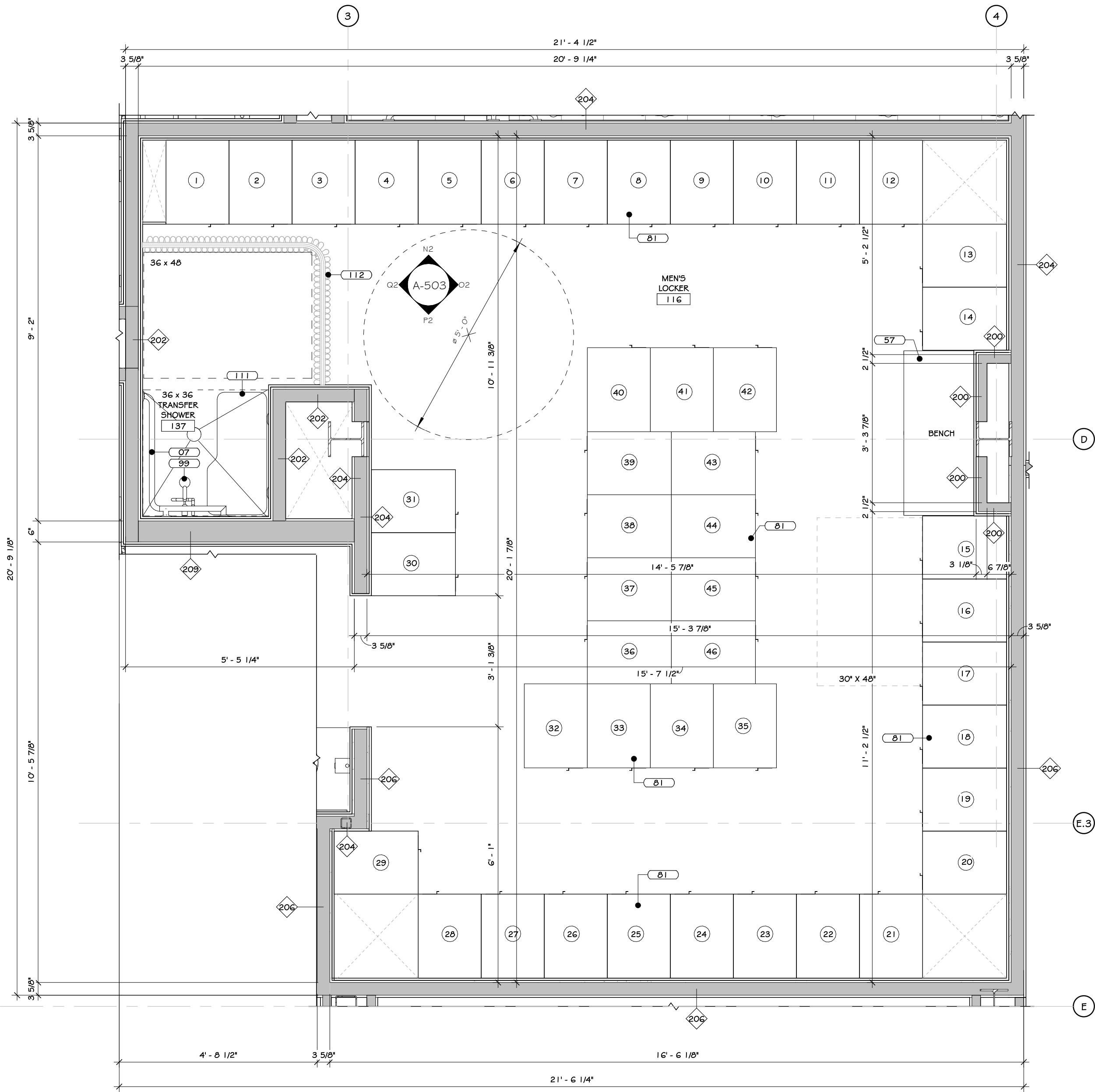
ELEVATION S



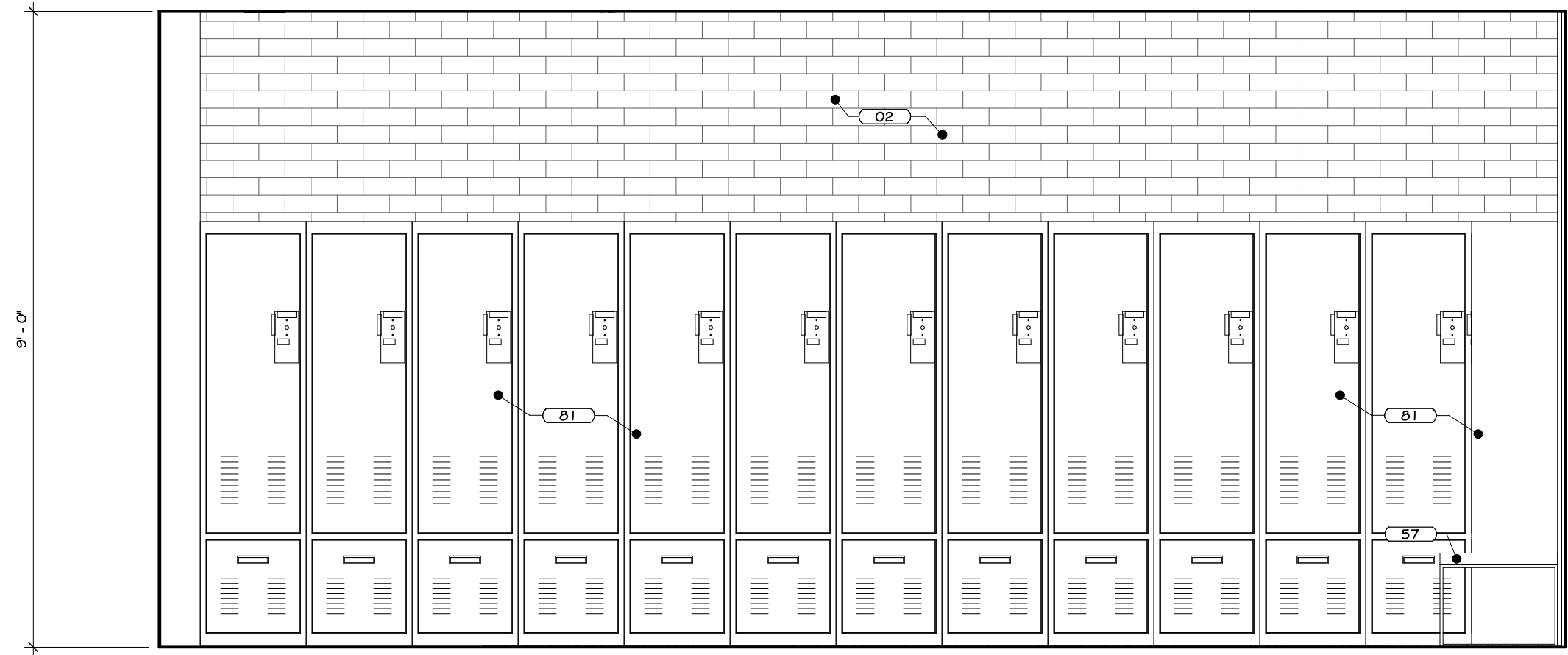
ELEVATION T

6 JANITOR'S CLOSET #117 INTERIOR ELEVATIONS  
1/2" = 1'-0"

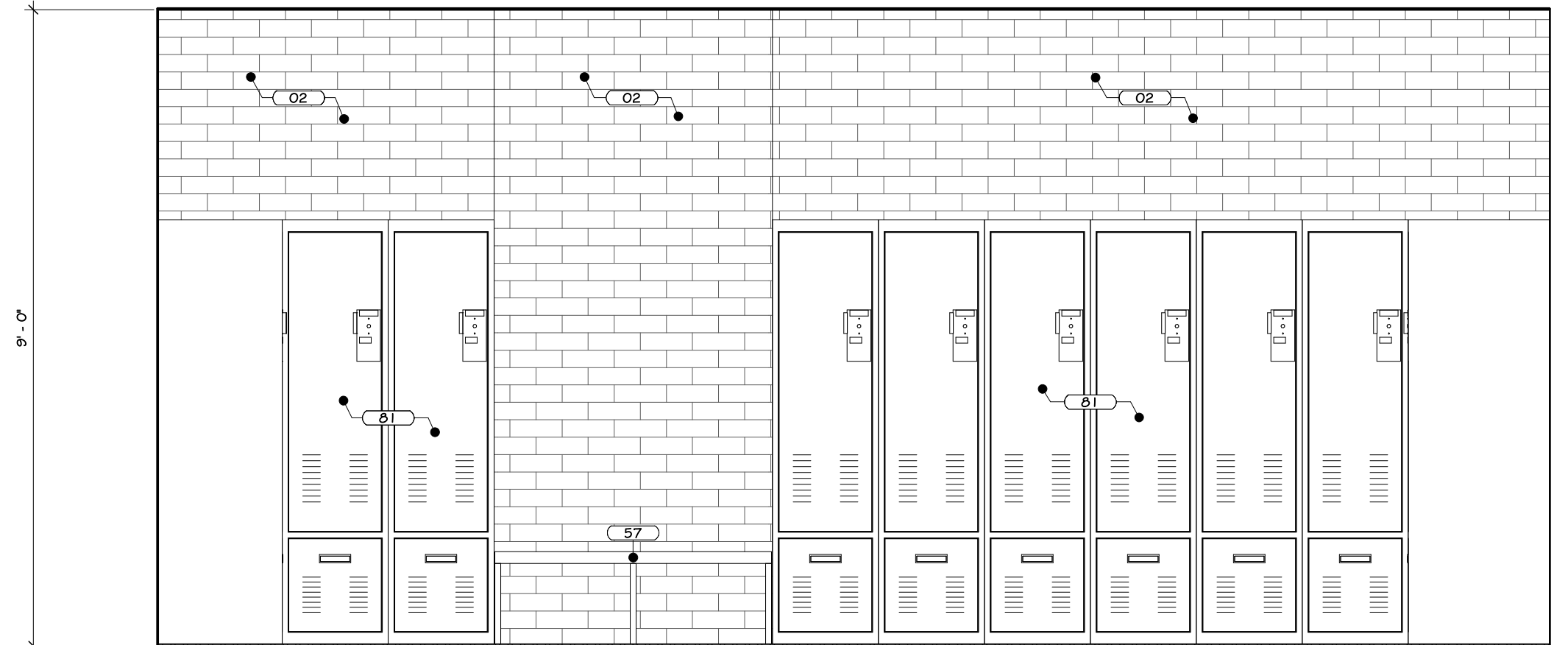




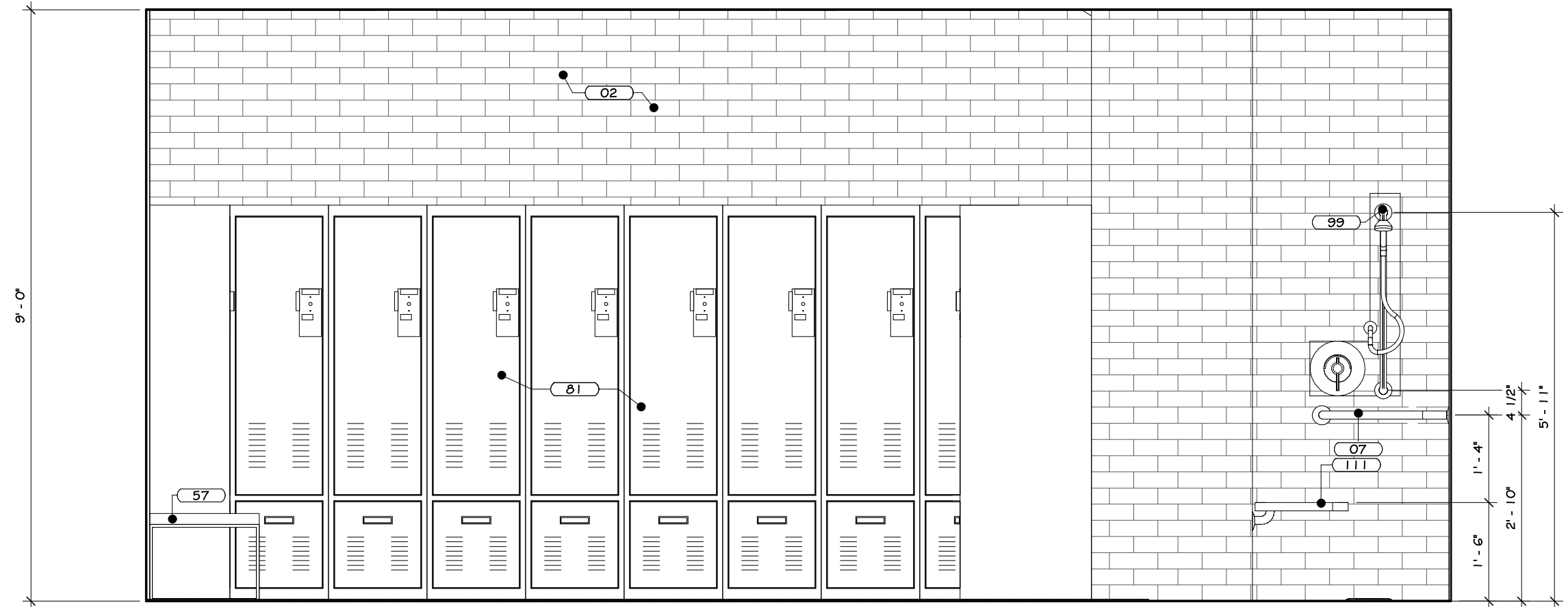
1 MENS LOCKER #116 ENLARGED PLAN  
1/2" = 1'-0"



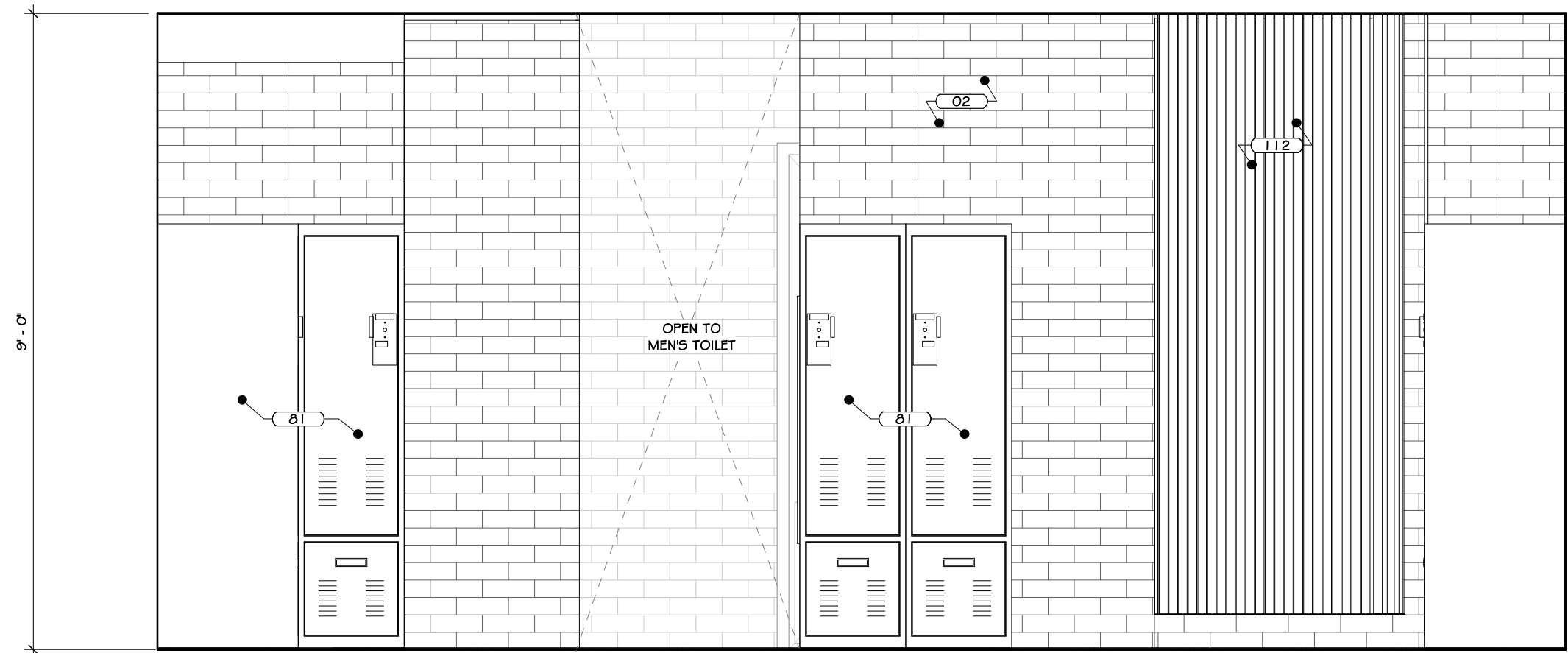
ELEVATION N2



ELEVATION O2



ELEVATION P2



ELEVATION Q2

2 MEN'S LOCKER #116 INTERIOR ELEVATION  
1/2" = 1'-0"

## CONSTRUCTION NOTES

1. REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
2. INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
3. TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE, ETC.) ARE TO RECEIVE SCHLITZER EDGE TRIM.
4. GYP BOARD TO BE PAINTED WALL W/ COLORS AS PER PAINT PLAN. SEE PAINT PLAN.
5. PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SIGNAGE, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
6. WALL MOUNTED MILLWORK: GC TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT.
7. EXPOSED DUCT TO HAVE BLACK FILL PAINT AT ALL LOCATIONS. STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPECS. APPLIANCES, INCLUDING REFRIGERATOR W/ ICE MAKER, DISHWASHERS, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER. INSTALLED BY G.C.
8. VENDING MACHINE ARE BY OWNER'S VENDOR. SEE PLAN FOR QUANTITY.
9. TV SIZE & LOCATIONS TO BE CONFIRMED WORKER.
10. WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S IT/AV CONSULTANT FOR ALL AV EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.) W/ POWER & DATA. SEE SPECIFICATIONS FOR VARIOUS MOUNTING HEIGHTS AT OFFICES, CONFERENCE ROOMS, BREAK ROOM, TRAINING AREAS, GYM, ETC.
11. DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
12. WOOD APRONS AND/OR SLOPING WOOD PANEL ACCESSIBILITY SCREENS ARE TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SEAM AND ACCESS TO PLUMBING.
13. BELOW COUNTER MICROWAVE SHELVES TO ACCOMMODATE A 24" MIN MICROWAVE.
14. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE SCRUBED FILLER PANELS AS REQUIRED AT WALLS/ CEILINGS.

## KEY NOTES

02	GLAZED WALL TILE - SEE SPECS.
07	GRAB BARS - SEE SPECS.
57	HARDWOOD LOCKER BENCH - SEE SPECS.
61	HEAVY DUTY METAL LOCKERS, SINGLE TIER WITH DRAWER BELOW - SEE SPECS.
89	DOUBLE SHOWER HEADS - SEE PLUMBING DRAWINGS.
111	BOOKING BENCH - BY OWNER.
112	SHOWER CURTAIN - SEE SPECS.

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS

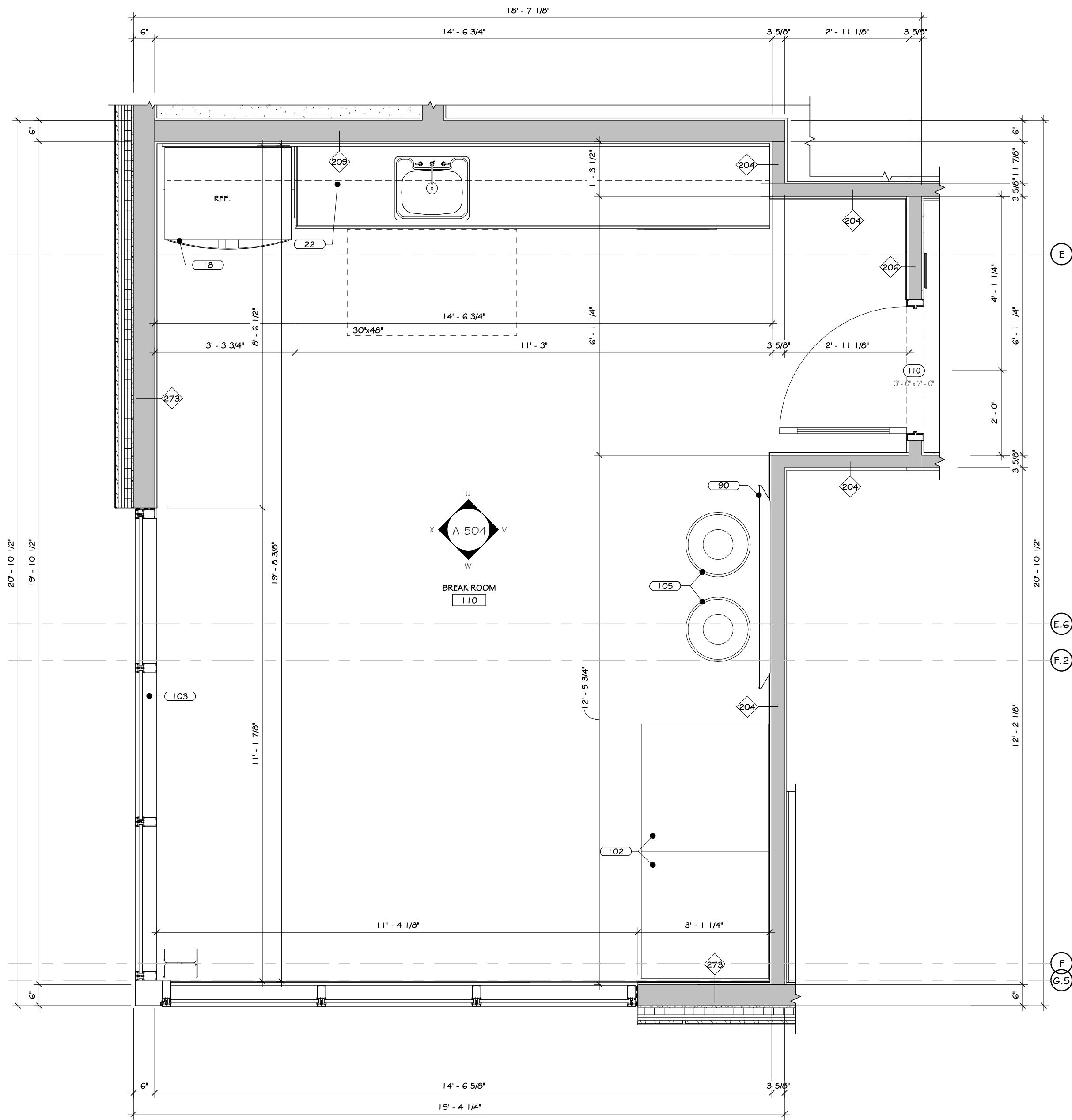
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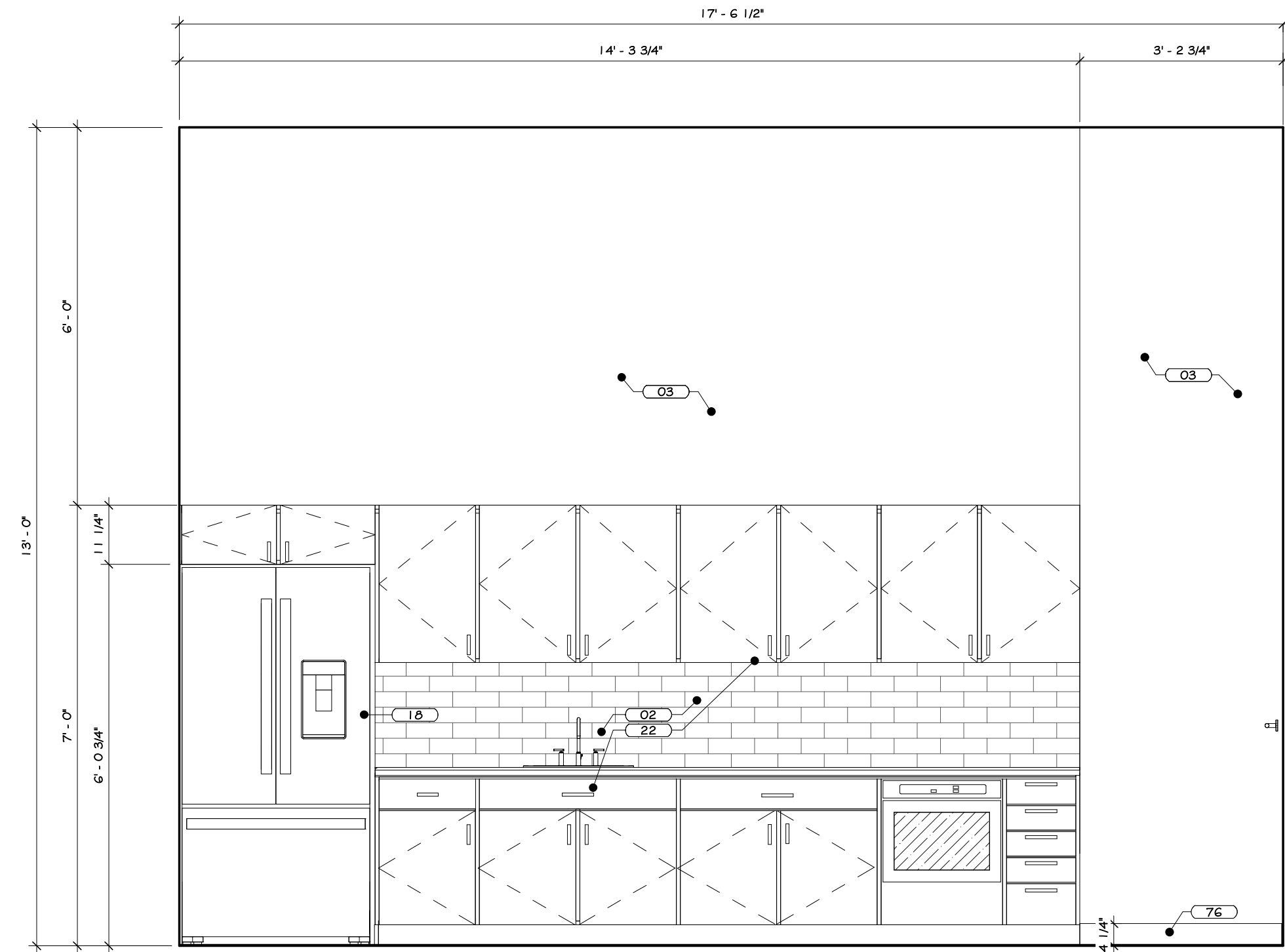
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ELEVATION

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-503**

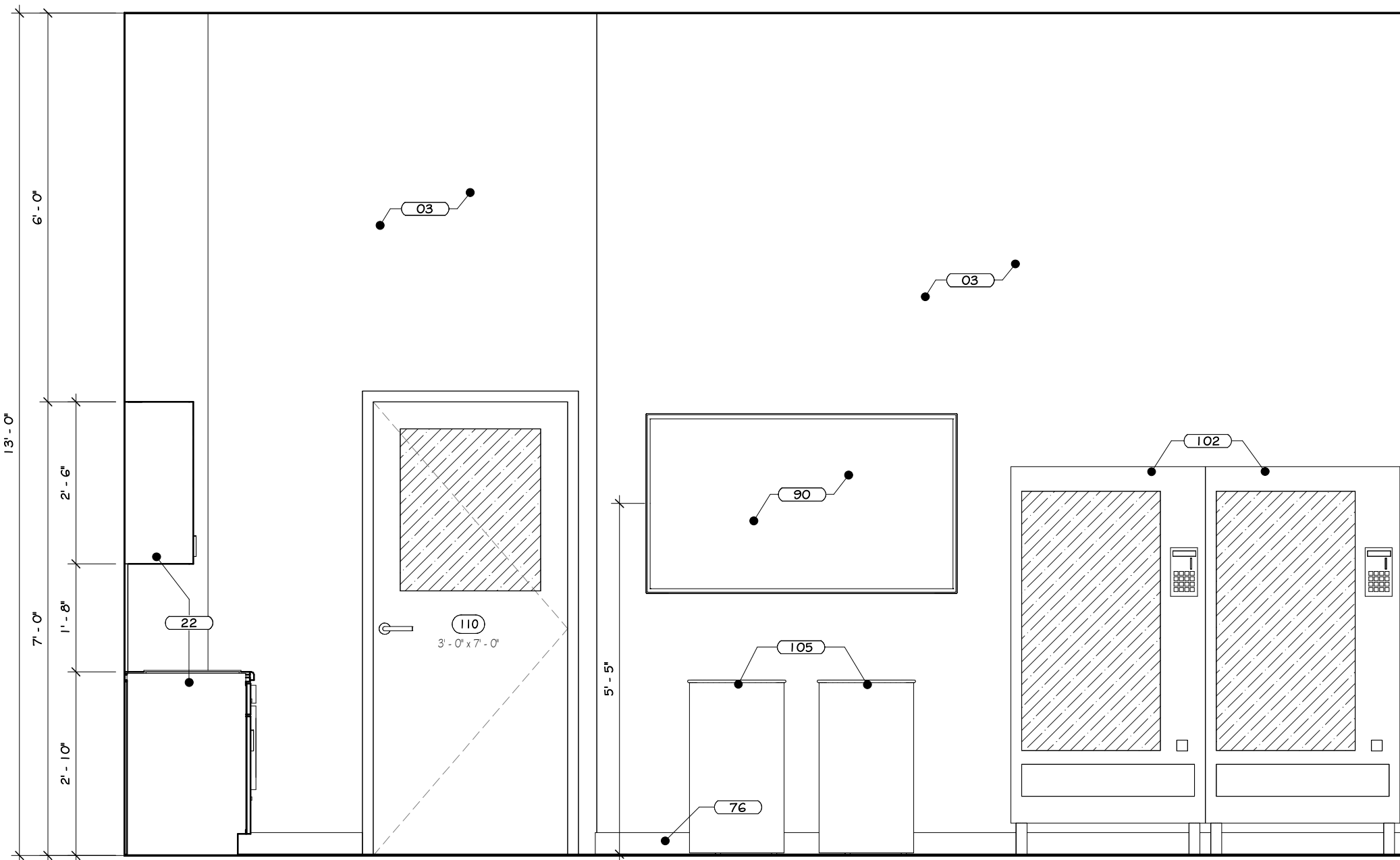




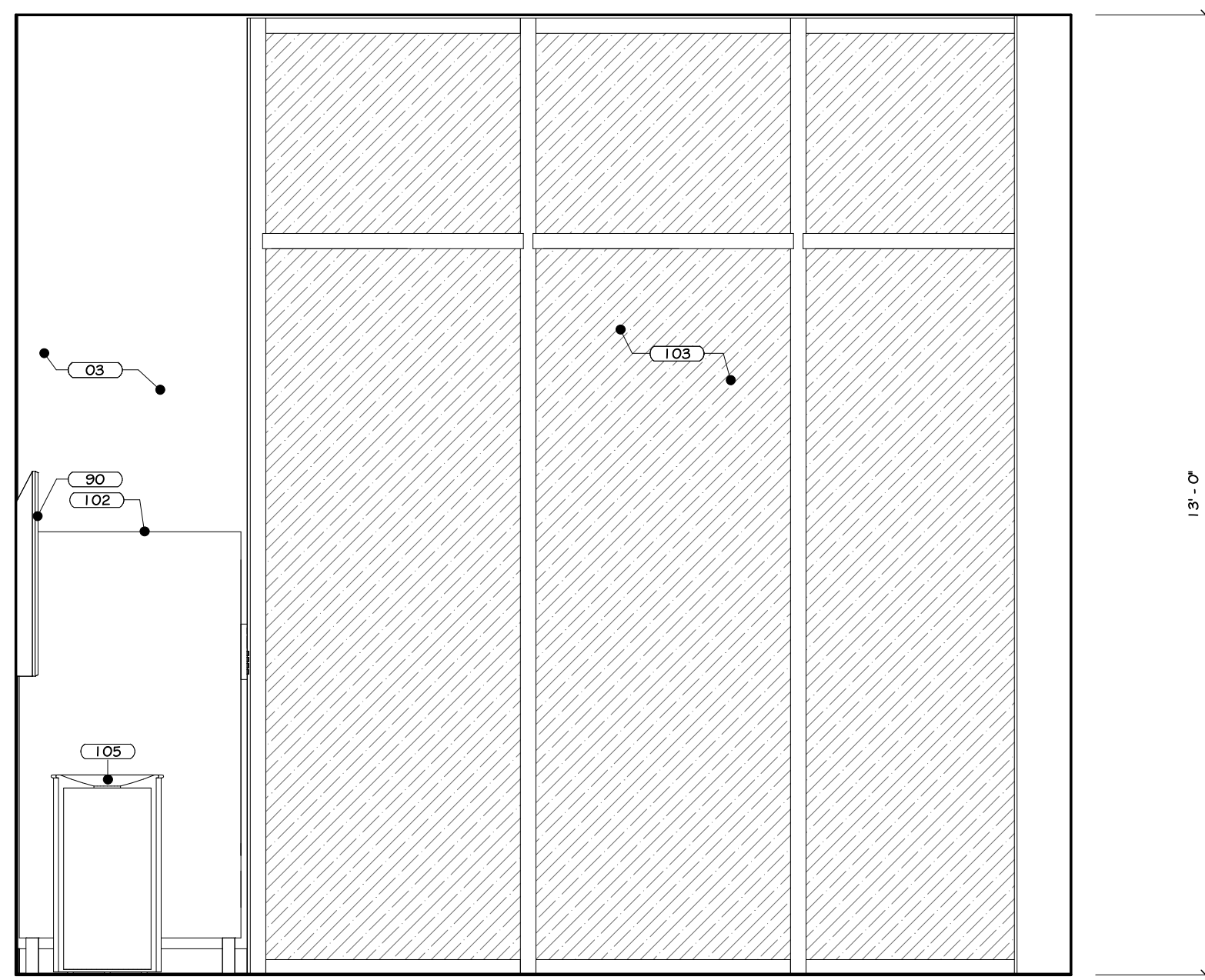
1 BREAK ROOM #10 ENLARGED PLAN  
1/12" = 1'-0"



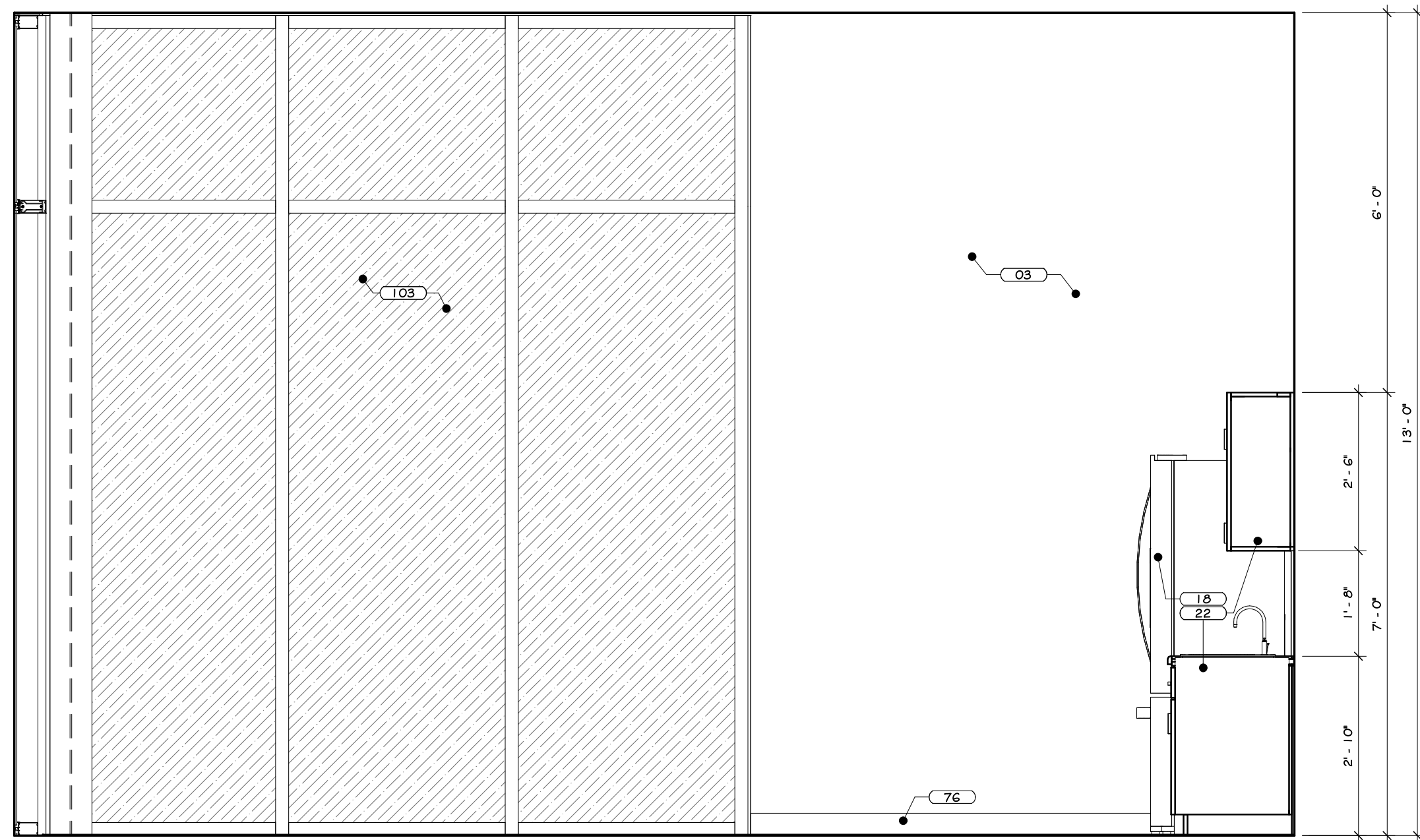
ELEVATION U



ELEVATION V



ELEVATION W



ELEVATION X

2 BREAK ROOM INTERIOR ELEVATIONS  
1/12" = 1'-0"

## CONSTRUCTION NOTES

1. REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
2. INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
3. TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE, ETC.) ARE TO RECEIVE SCHLITERS EDGE TRIM.
4. DFP BOARD TO BE PAINTED WALL IN COLORS AS PER PAINT PLAN. SEE PAINT PLAN.
5. PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SIGNAGE, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
6. WALL MOUNTED MILLWORK, GC TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT.
7. EXPOSED CHUB TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS. STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPECS. APPLIANCES, INCLUDING REFRIGERATOR, MICROWAVE, DISHWASHER, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER, INSTALLED BY G.C.
8. VENDING MACHINE ARE BY OWNER'S CHOICE. SEE PLAN FOR QUANTITY.
9. TV SIZE & LOCATIONS TO BE CONFIRMED WITH OWNER.
10. WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S IT/AV CONSULTANT FOR ALL AV EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.) W/POWER & DATA. SEE SPECIFICATIONS FOR VARYING MOUNTING HEIGHTS AT OFFICES, CONFERENCE ROOMS, BREAK ROOM, TRAINING AREAS, CAFE, ETC.
11. DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
12. WOOD APRON'S AND/OR SLIPING WOOD PANEL ACCESSIBILITY SCREENS ARE TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SOAP AND ACCESS TO PLUMBING.
13. BELOW COUNTER MICROWAVE SHELVES TO ACCOMMODATE A 24" MIN MICROWAVE.
14. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUTS. CONTRACTOR TO VERIFY ALL DIMENSIONS, PROVIDE SCRIBED FILLER PANELS AS REQUIRED AT WALLS/CEILING.

## KEY NOTES

02	GLAZED WALL TILE - SEE SPECS.
03	INTERIOR LATEX PAINT - SEE SPECS.
10	REFRIGERATOR, BY OWNER.
22	CASEWORK, SEE SPECS.
76	RESILIENT WALL BASE, SEE SPECS.
80	WALL MOUNTED TV, BY OWNER.
102	VENDING MACHINES, BY OWNER.
103	CURTAIN WALL SYSTEM - SEE SPECS.
105	GARBAGE RECEPTACLE, SEE SPECS.

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS

KEY PLAN

WORK AREA

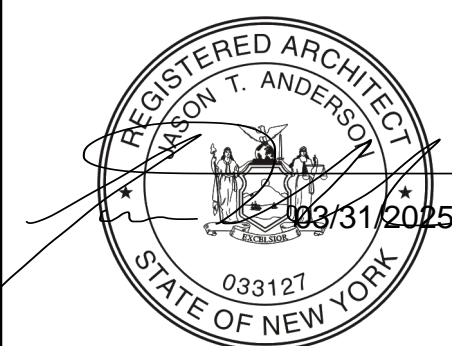
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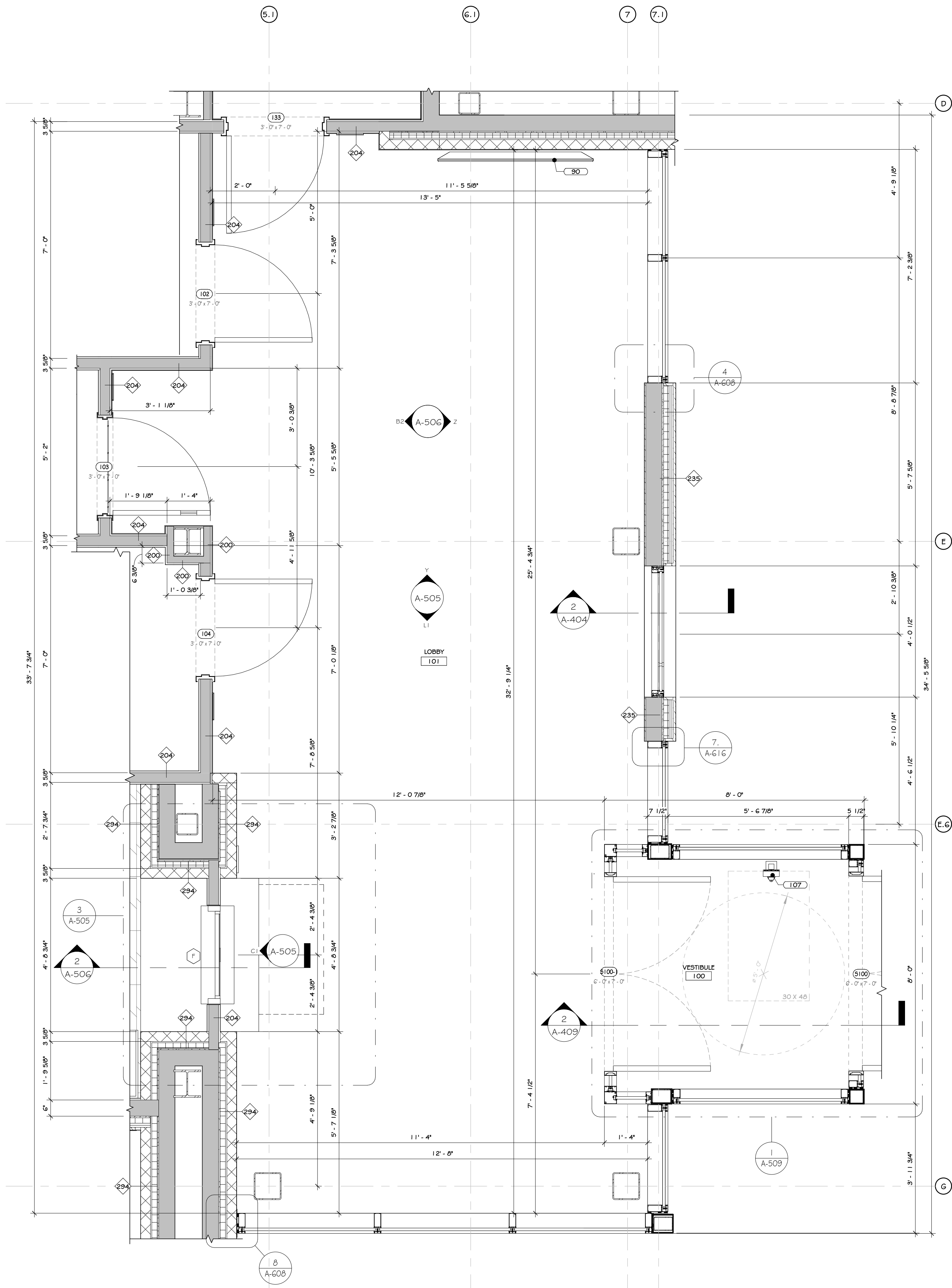
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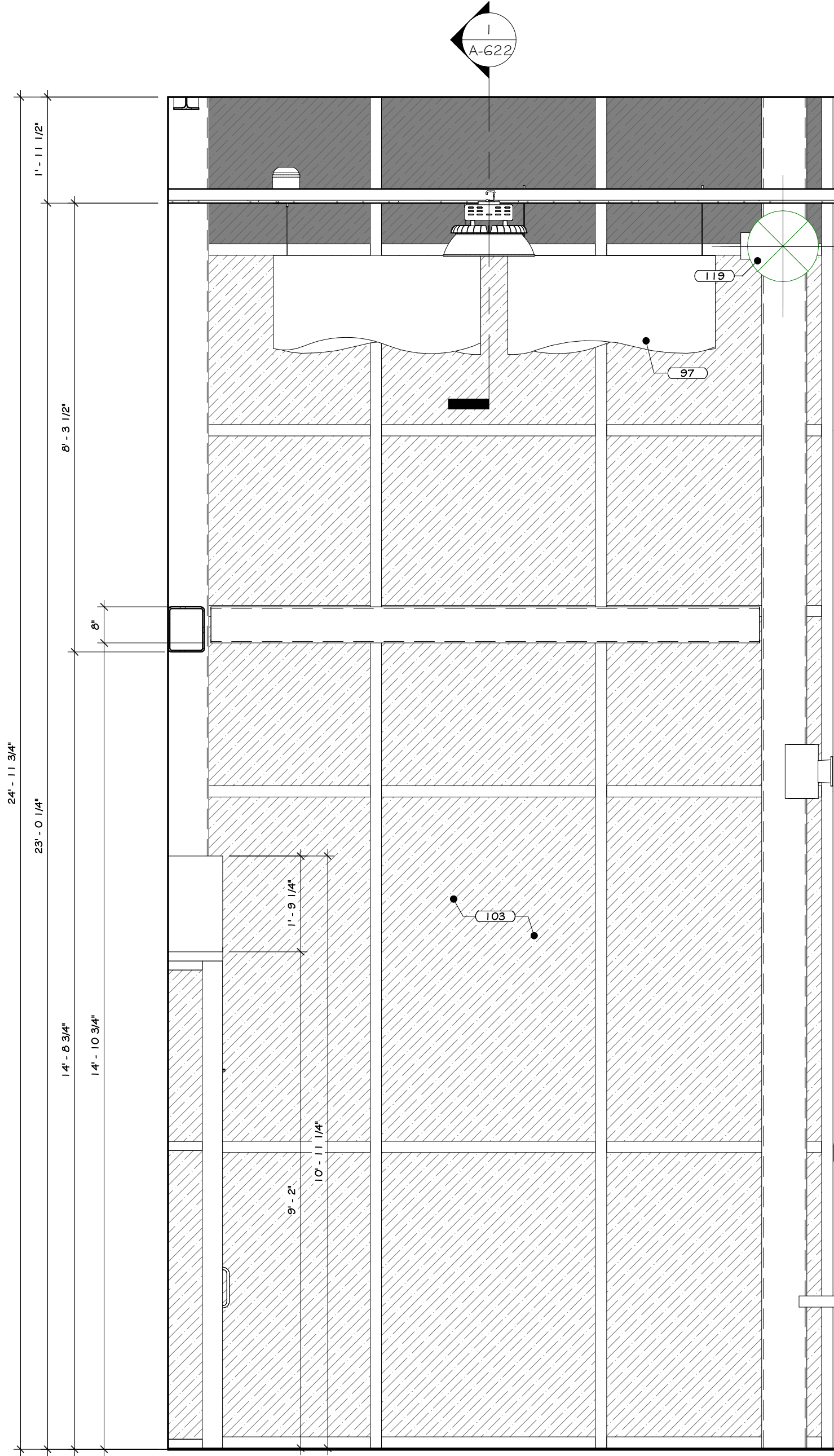
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Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-504



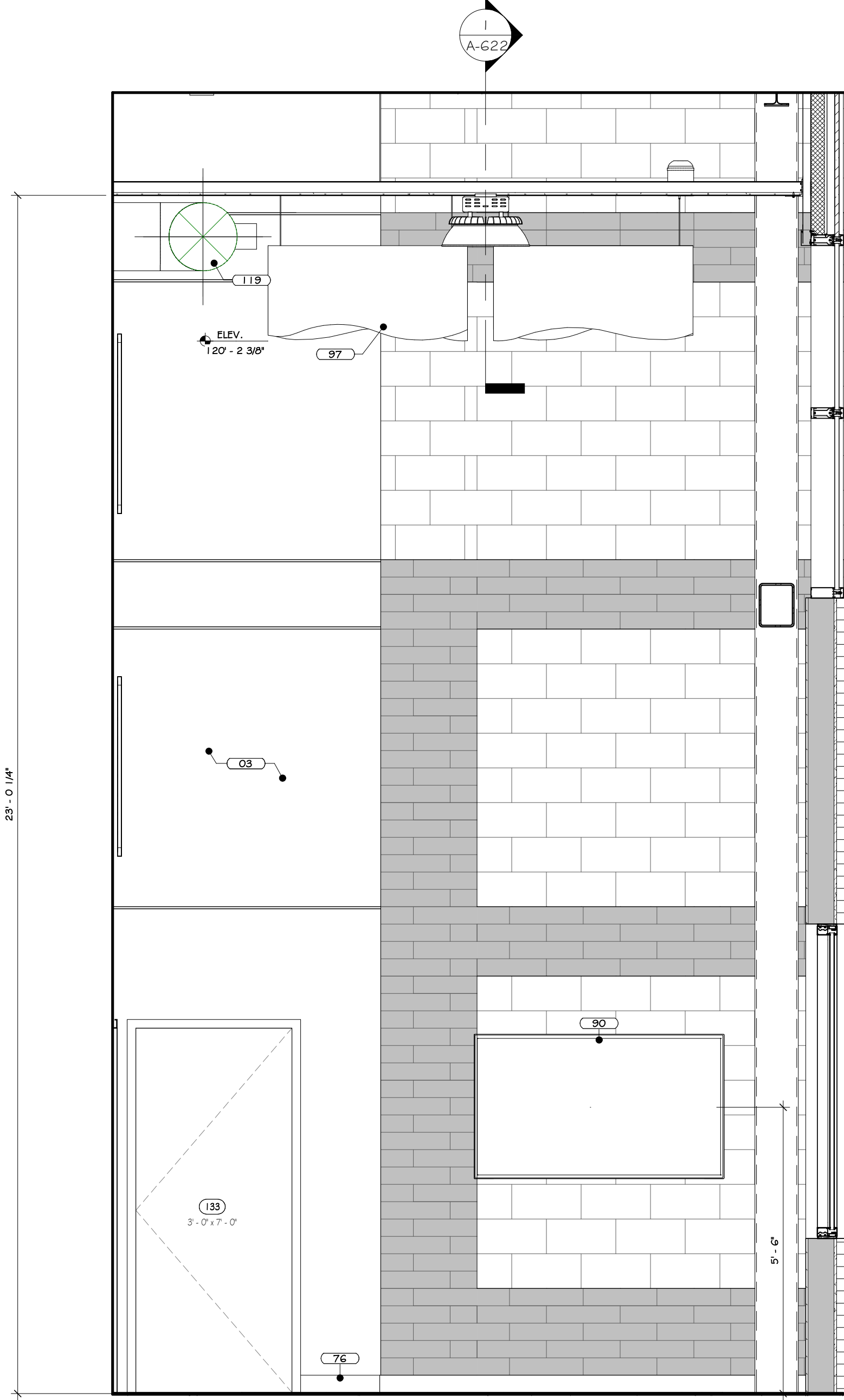


1 LOBBY #101 & VESTIBULE #100 ENLARGED PLAN  
1/2" = 1'-0"

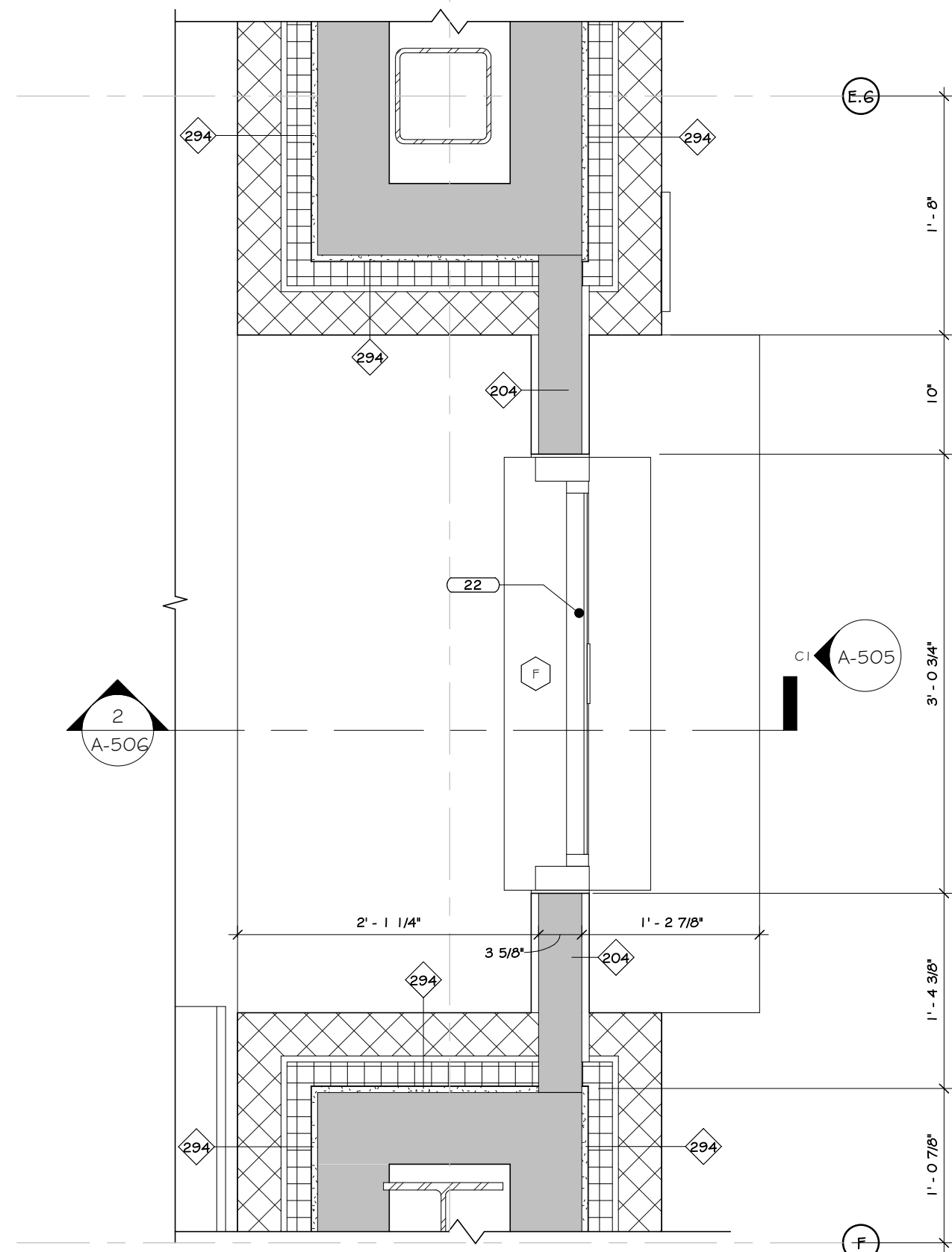


ELEVATION LI

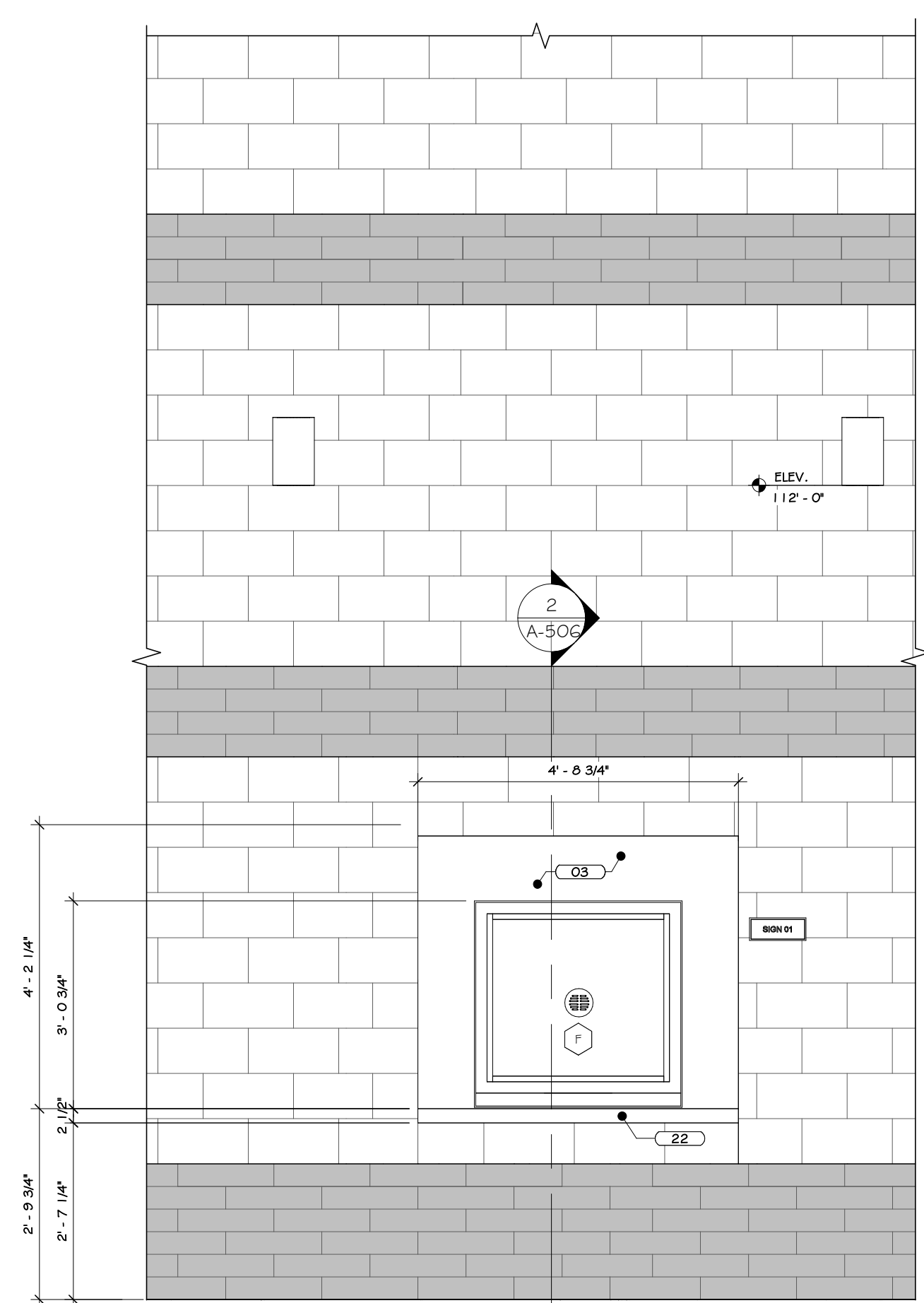
2 LOBBY #100 & VESTIBULE #101 INTERIOR ELEVATIONS  
1/2" = 1'-0"



ELEVATION Y



3 TRANSACTION ENLARGED PLAN @ LOBBY  
1" = 1'-0"



ELEVATION C1

## CONSTRUCTION NOTES

1. REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
2. INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
3. TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE, ETC.) ARE TO RECEIVE SCHLITERS EDGE TRIM.
4. GYP. BOARD TO BE PAINTED WALL IN COLORS AS PER PAINT PLAN. SEE PAINT PLAN.
5. PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SIGNAGE, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
6. WALL MOUNTED MILLWORK, GC TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT.
7. EXPOSED CHD TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS. STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPECS. APPLIANCES, INCLUDING REFRIGERATOR, MICROWAVE, DISHWASHER, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER, INSTALLED BY G.C.
8. VENDING MACHINE ARE BY OWNER'S VENDOR. SEE PLAN FOR QUANTITY.
9. TV SIZE & LOCATIONS TO BE CONFIRMED BY OWNER.
10. WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S STAY CONSULTANT FOR ALL ANY EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.) W/ POWER & DATA. SEE SPECIFICATIONS FOR VARYING MOUNTING HEIGHTS AT OFFICES, CONFERENCE ROOMS, BREAK ROOM, TRAINING AREAS, GALE, ETC.
11. DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
12. WOOD APRON AND/OR SLIPING WOOD PANEL ACCESSIBILITY SCREENS ARE TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SOAP AND ACCESS TO PLUMBING.
13. BELOW COUNTER MICROWAVE SHELVES TO ACCOMMODATE A 24" MIN MICROWAVE.
14. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUTS. CONTRACTOR TO VERIFY ALL DIMENSIONS, PROVIDE SCRIBED FILLER PANELS AS REQUIRED AT WALLS/CEILINGS.


## KEY NOTES

03	INTERIOR LATEX PAINT - SEE SPECS.
22	CASEWORK - SEE SPECS.
76	RESIDENT WALL BASE, SEE SPECS.
90	WALL MOUNTED TV, BY OWNER.
97	HANGING ACOUSTICAL PANEL - SEE SPECS.
103	CURTAIN WALL PROTRUS - SEE SPECS.
107	911 AUTO DIAL PHONE WITH FEDESTAL - SEE SPECS.
119	DUCTWORK - SEE SPECS.

## REVISIONS:

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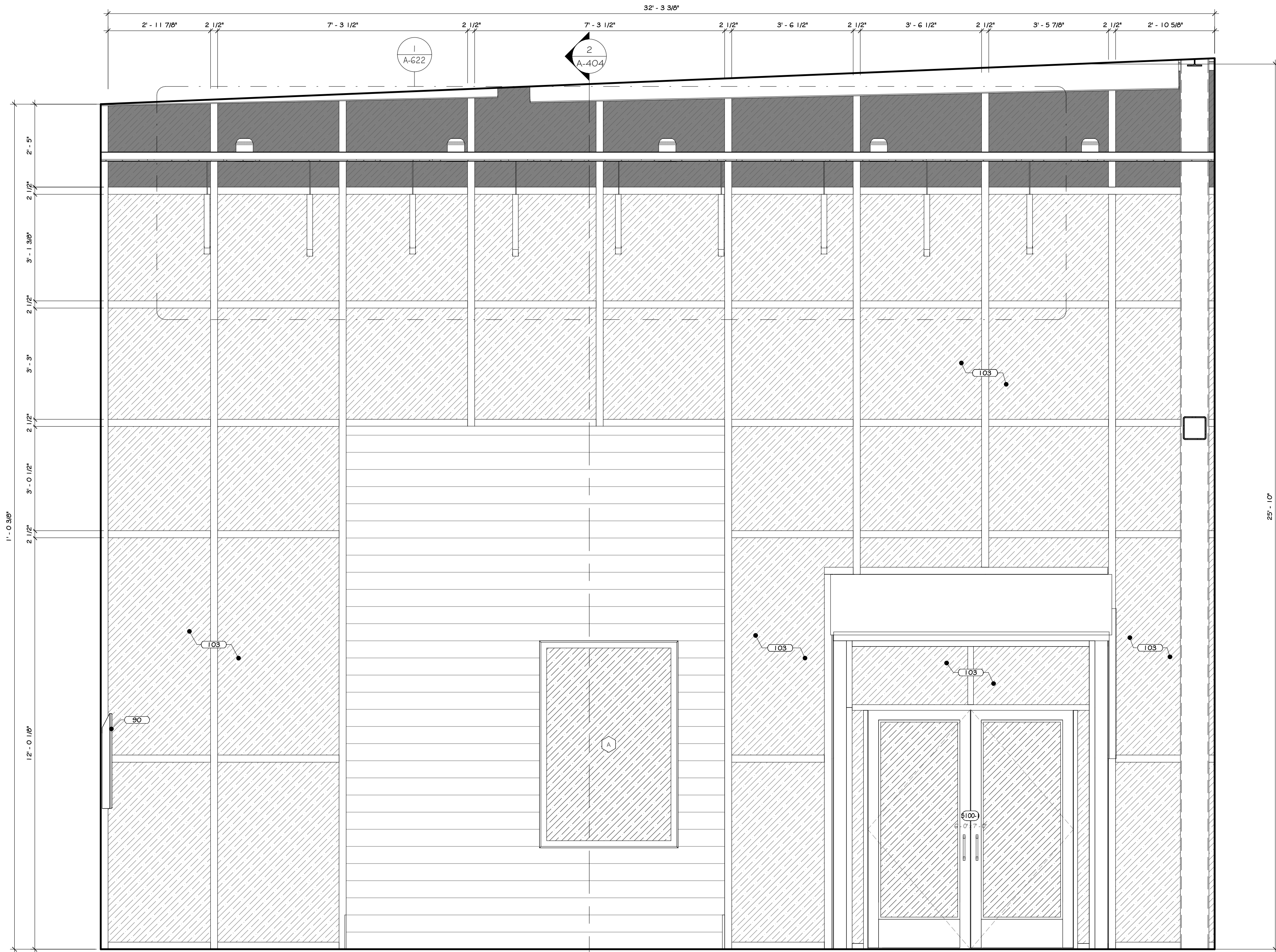
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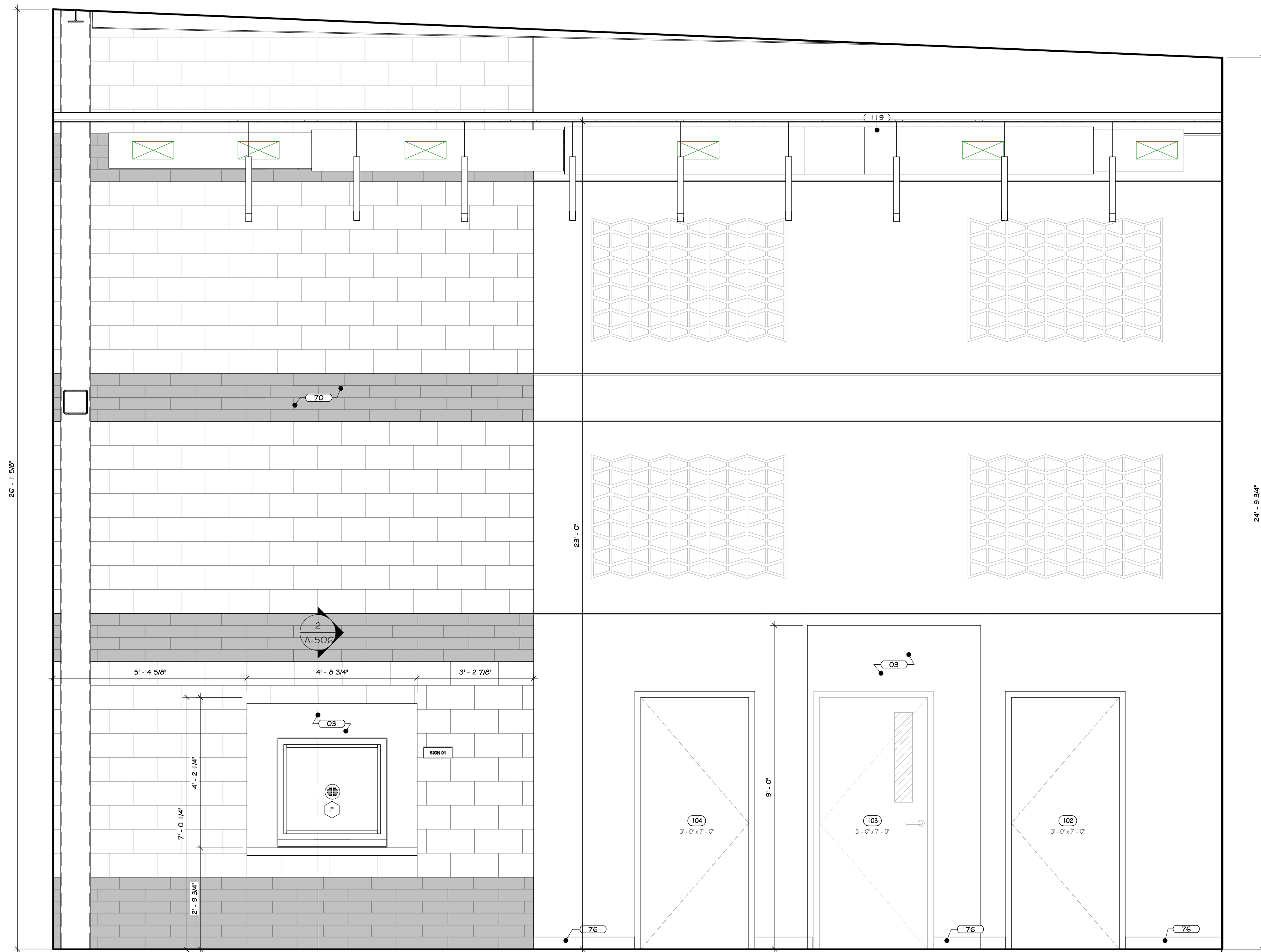
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Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-505



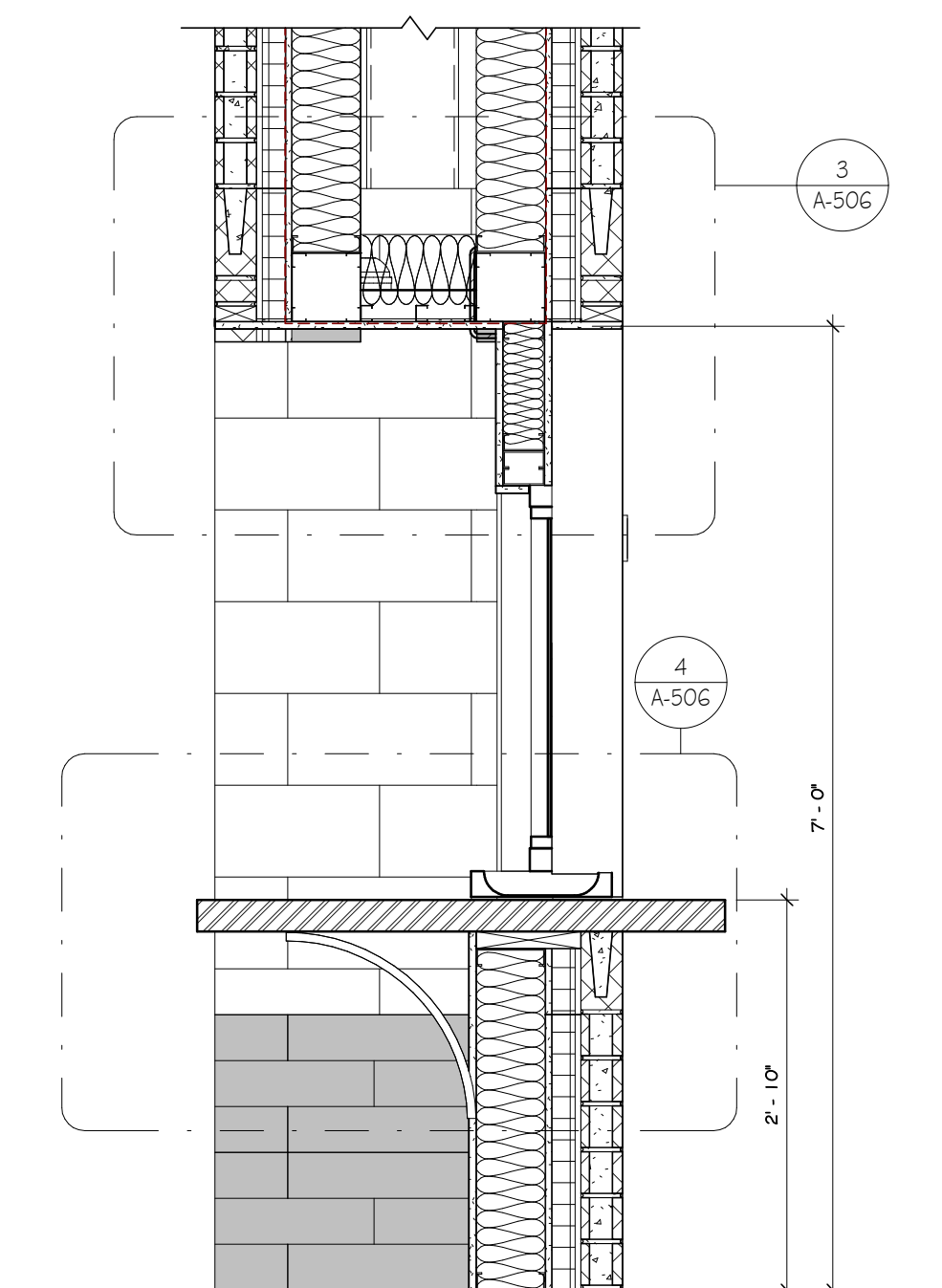


ELEVATION Z

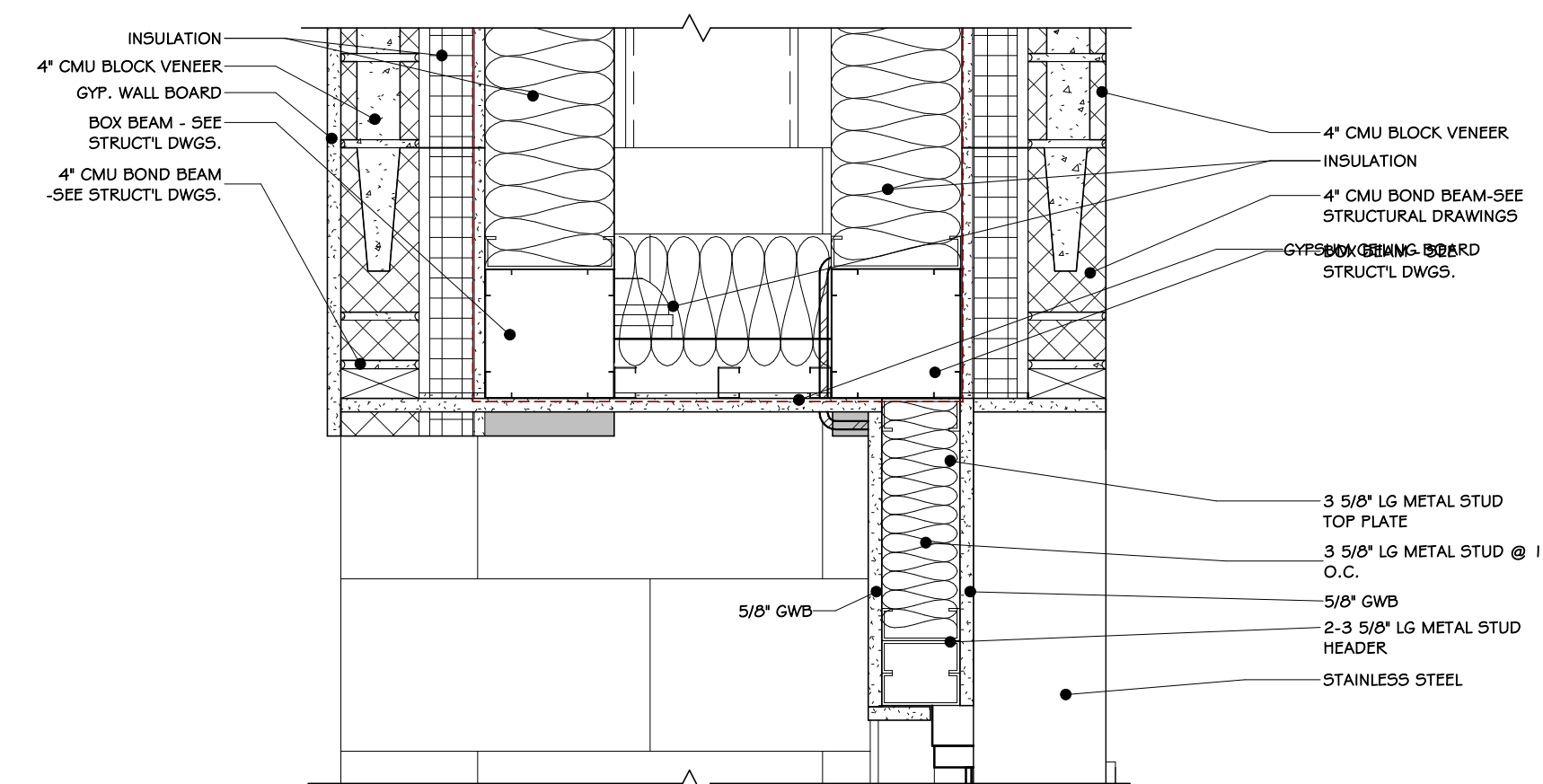


ELEVATION B2

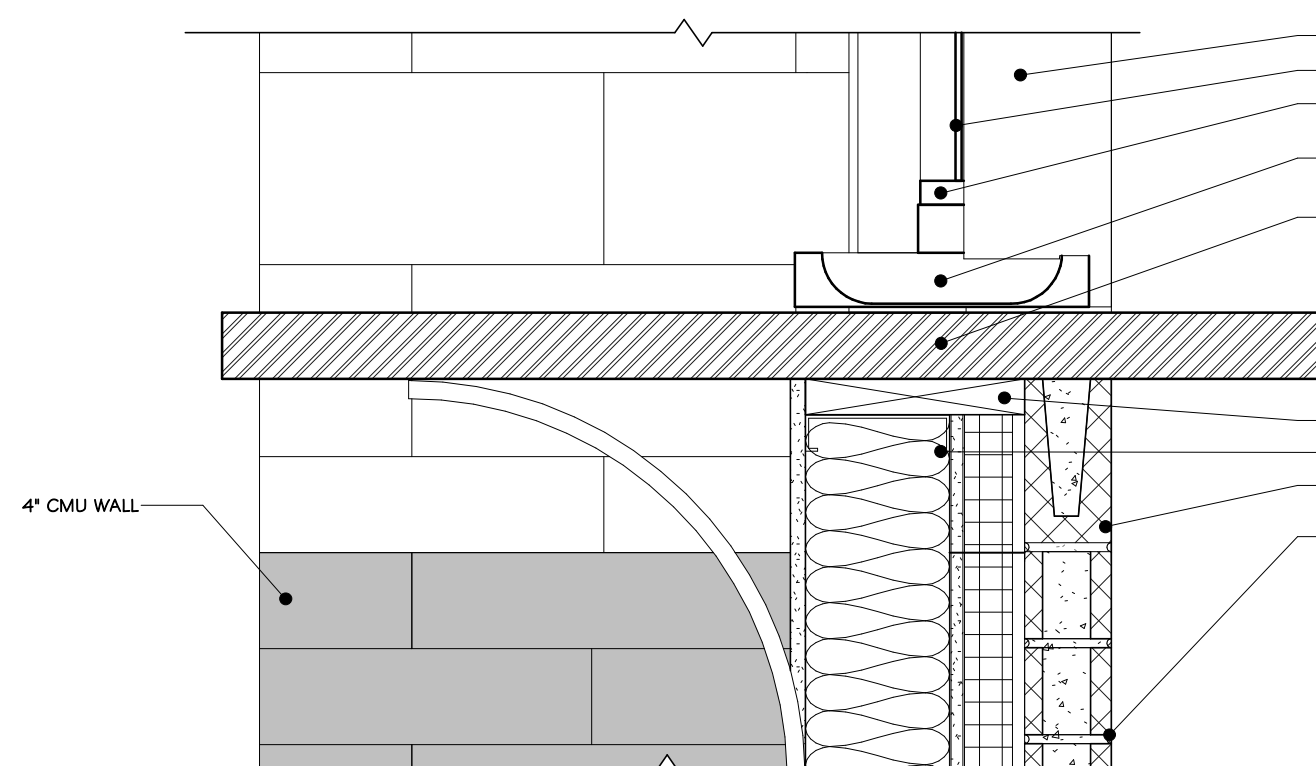
① LOBBY #100 & VESTIBULE #100 INTERIOR ELEVATIONS  
1/2" = 1'-0"



② TRANSACTION WINDOW SECTION  
3/4" = 1'-0"



③ TRANSACTION WINDOW HEADER SECTION  
1/2" = 1'-0"



④ TRANSACTION WINDOW COUNTER SECTION  
1/2" = 1'-0"

CONSTRUCTION NOTES

- REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
- INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
- TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TIE), ETC. ARE TO RECEIVE SCHLUTER EDGE TRIM.
- GYP. BOARD TO BE PAINTED WALL W/ COLORS AS PER PAINT PLAN. SEE PAINT PLAN.
- PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SIGNAGE, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
- WALL MOUNTED MILLWORK: GO TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT.
- EXPOSED CMU TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS. STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPECS. APPLIANCES, INCLUDING REFRIGERATOR W/ ICE MAKER, DISHWASHERS, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER. INSTALLED BY G.C.
- VENDING MACHINE ARE BY OWNER'S ORDER. SEE PLAN FOR QUANTITY.
- WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S IT/AV CONSULTANT FOR ALL AV EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.) W/ POWER & DATA. SEE SPECIFICATIONS FOR VARYING MOUNTING HEIGHTS AT OFFICES, CONFERENCE ROOMS, BREAK ROOM, TRAINING AREA, CAFE, ETC.
- DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
- TV SIZE & LOCATIONS TO BE CONFIRMED BY OWNER.
- WOOD APRONS AND/OR SLOPING WOOD PANEL ACCESSIBILITY SCREENS ARE TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SOAP AND ACCESS TO PLUMBING.
- SLOPE COUNTER MICROWAVE SHELVS TO ACCOMMODATE A 24" MIN MICROWAVE.
- INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE SCREENED FILTER PANES AS REQUIRED AT WALLS/CEILINGS.

KEY NOTES

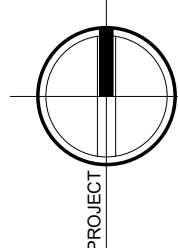
03	INTERIOR LATHE PAINT - SEE SPECS
70	4" x 8" x 1" CMU VENER SEE SPECS
76	RESILIENT WALL BASE SEE SPECS
80	WALL MOUNTED TV, BY OWNER
103	CURTAIN WALL SYSTEM - SEE SPECS
119	DUCTWORK - SEE SPECS

REVISIONS:

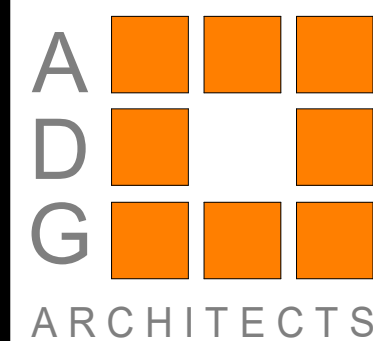
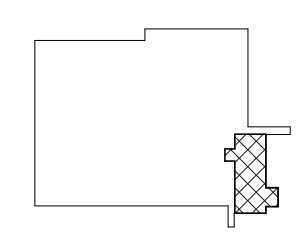
NUM.	DATE	DESCRIPTION

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KEY PLAN



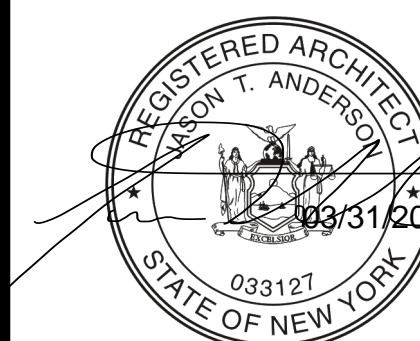
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Drawing: LOBBY INTERIOR ELEVATION



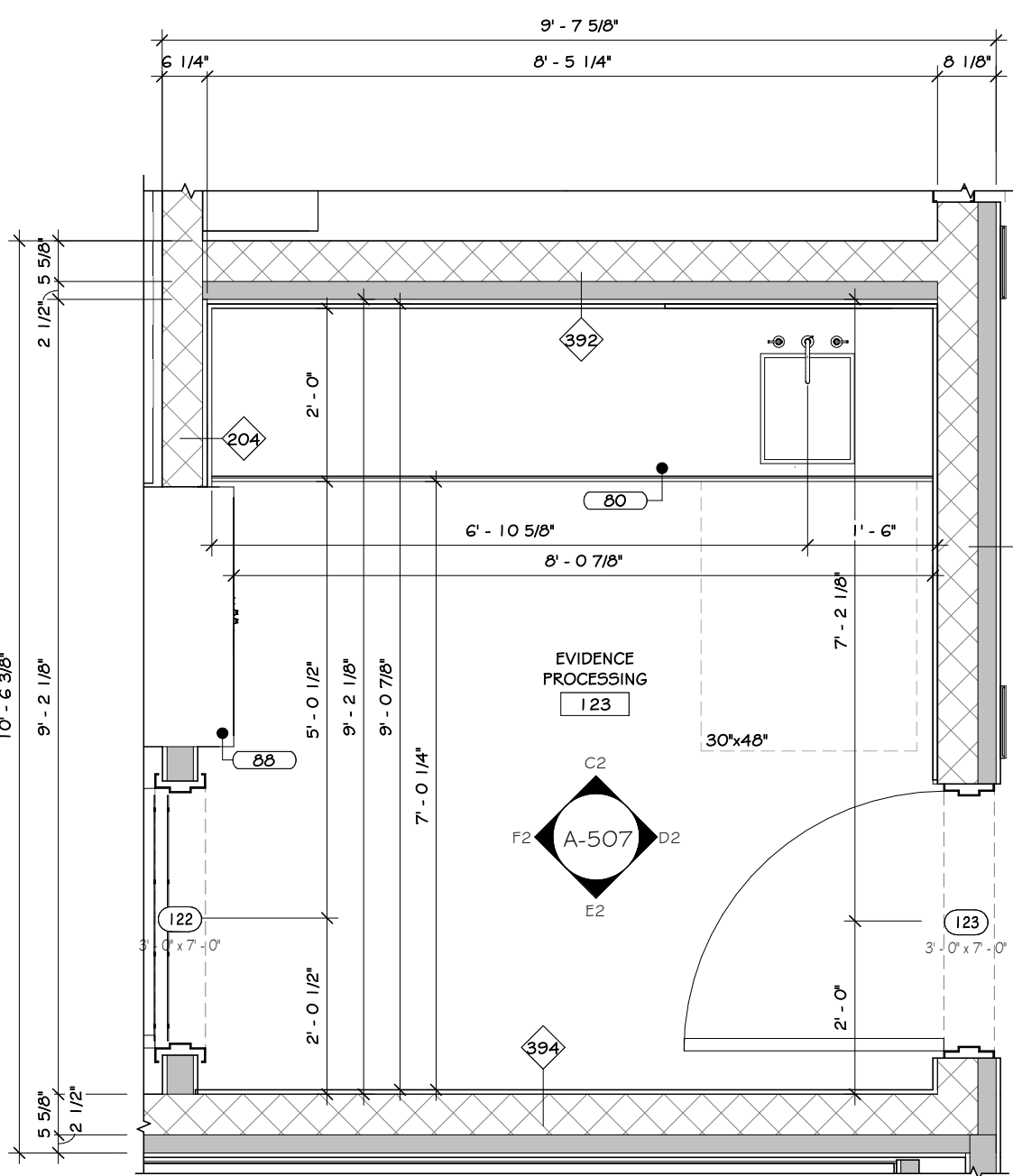
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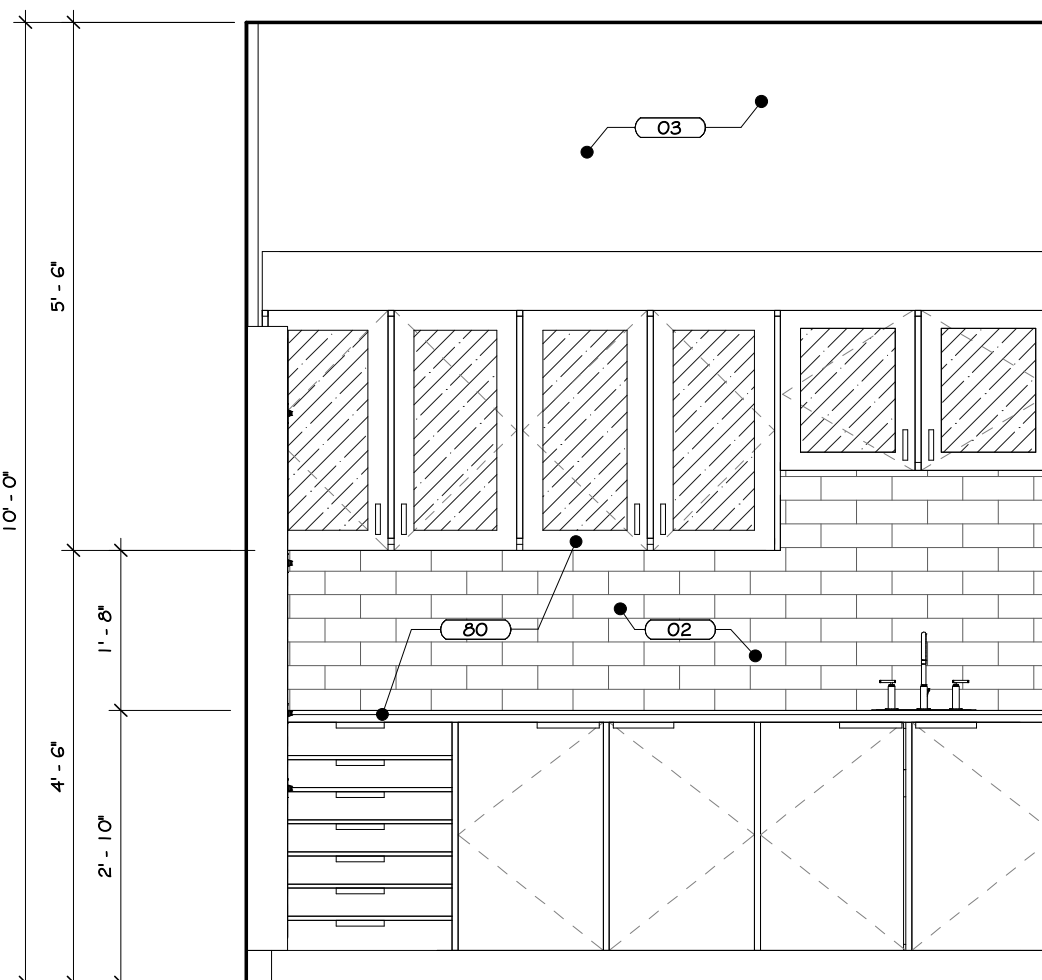
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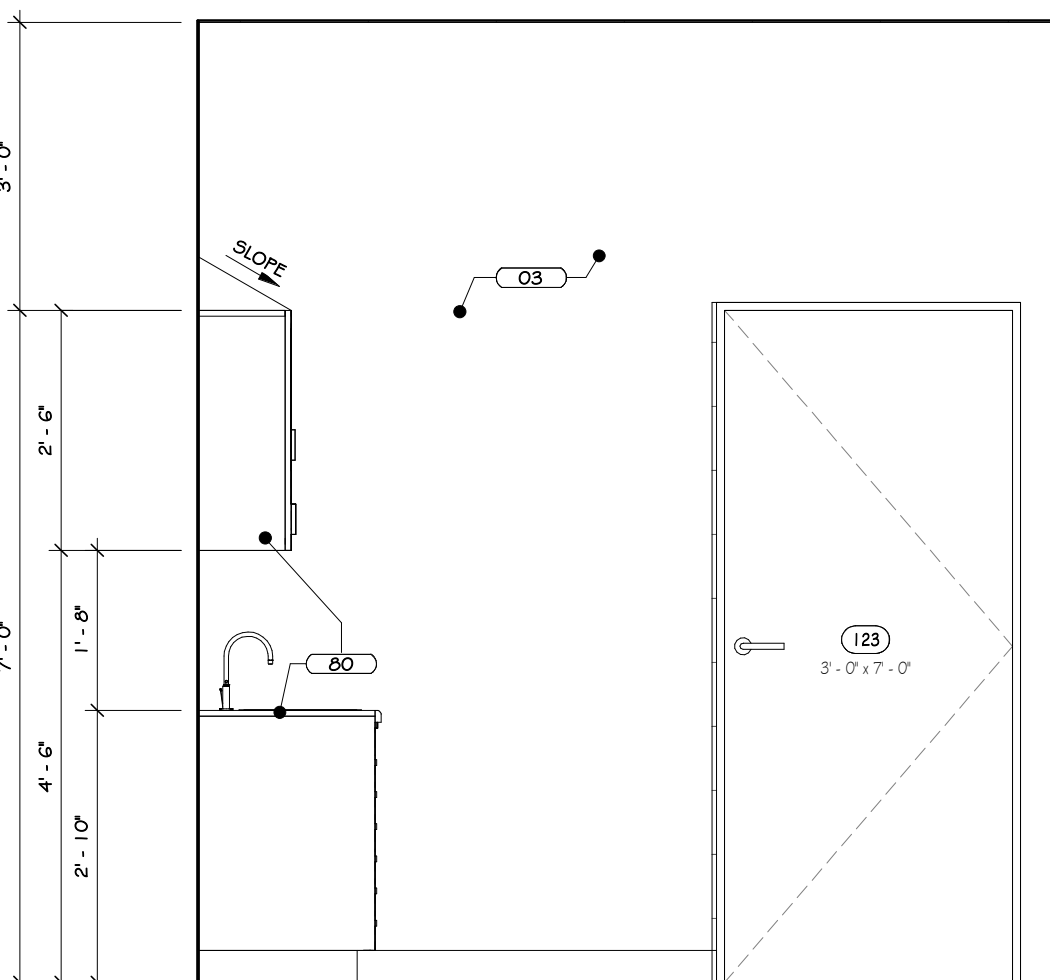




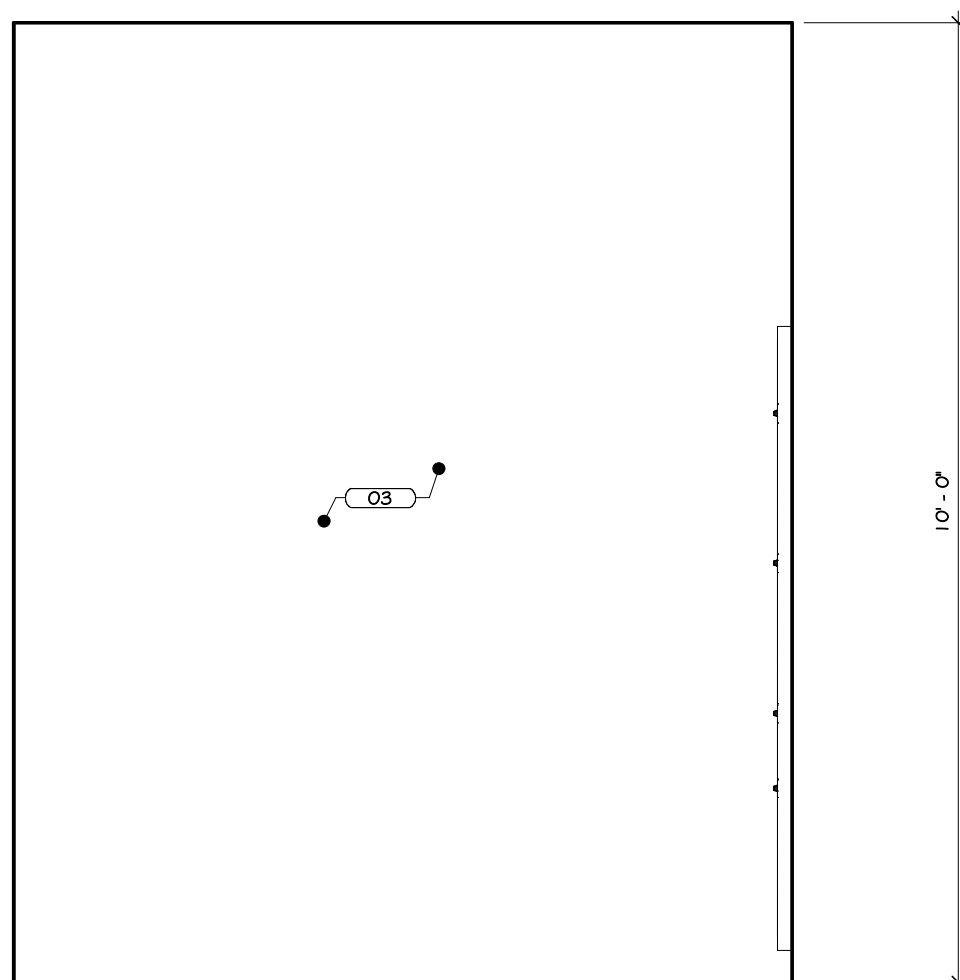
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1/2" = 1'-0"



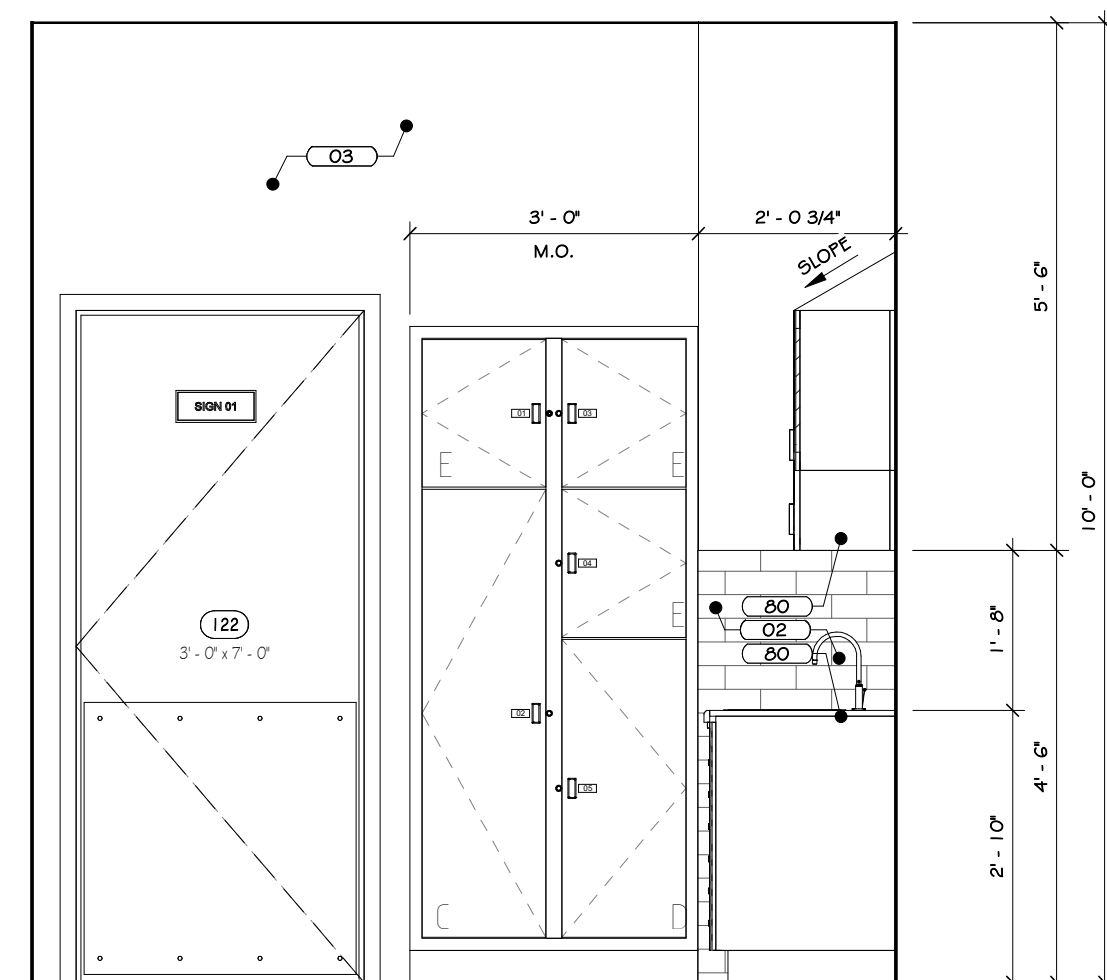
ELEVATION C2



ELEVATION D2

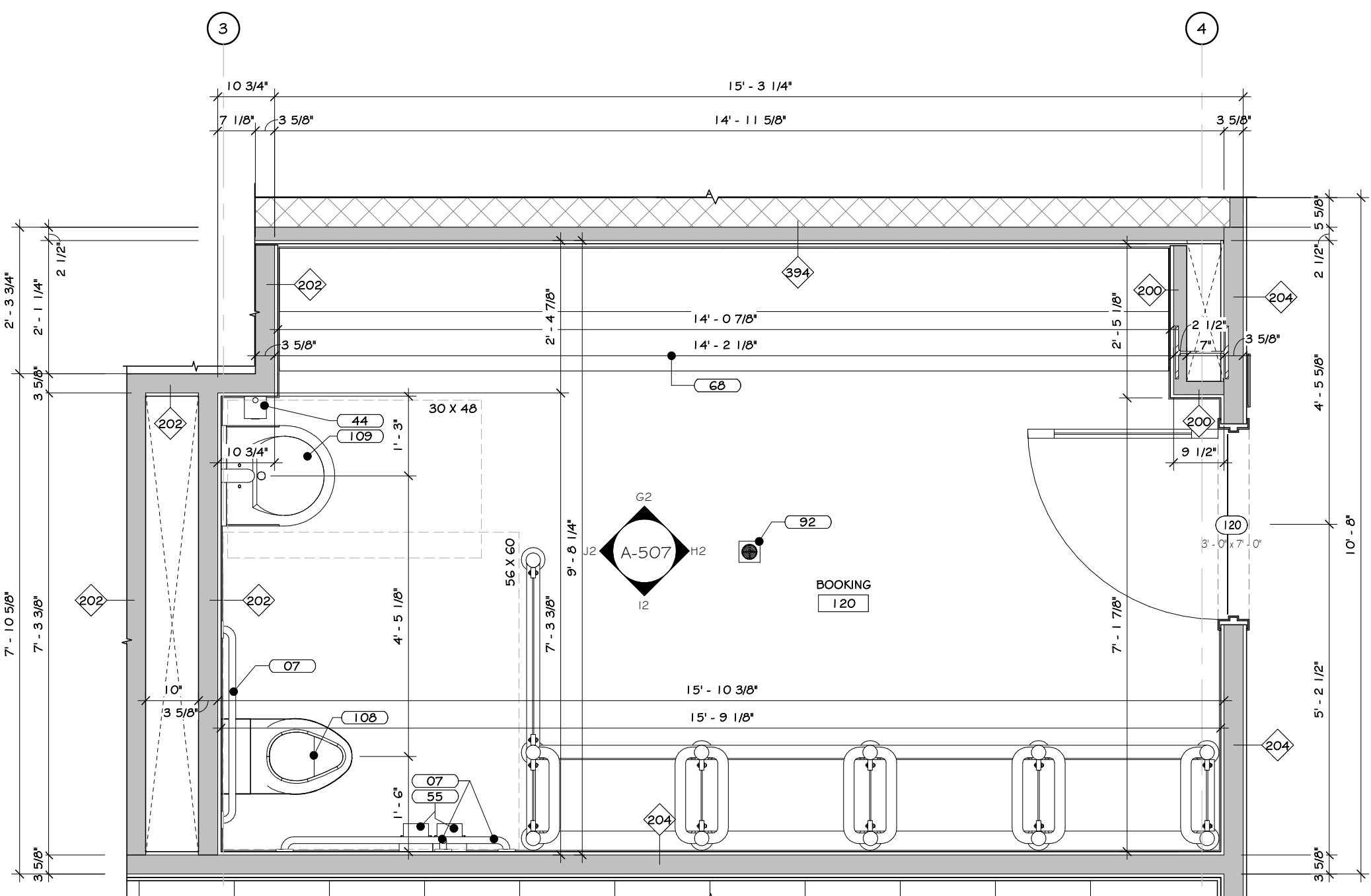


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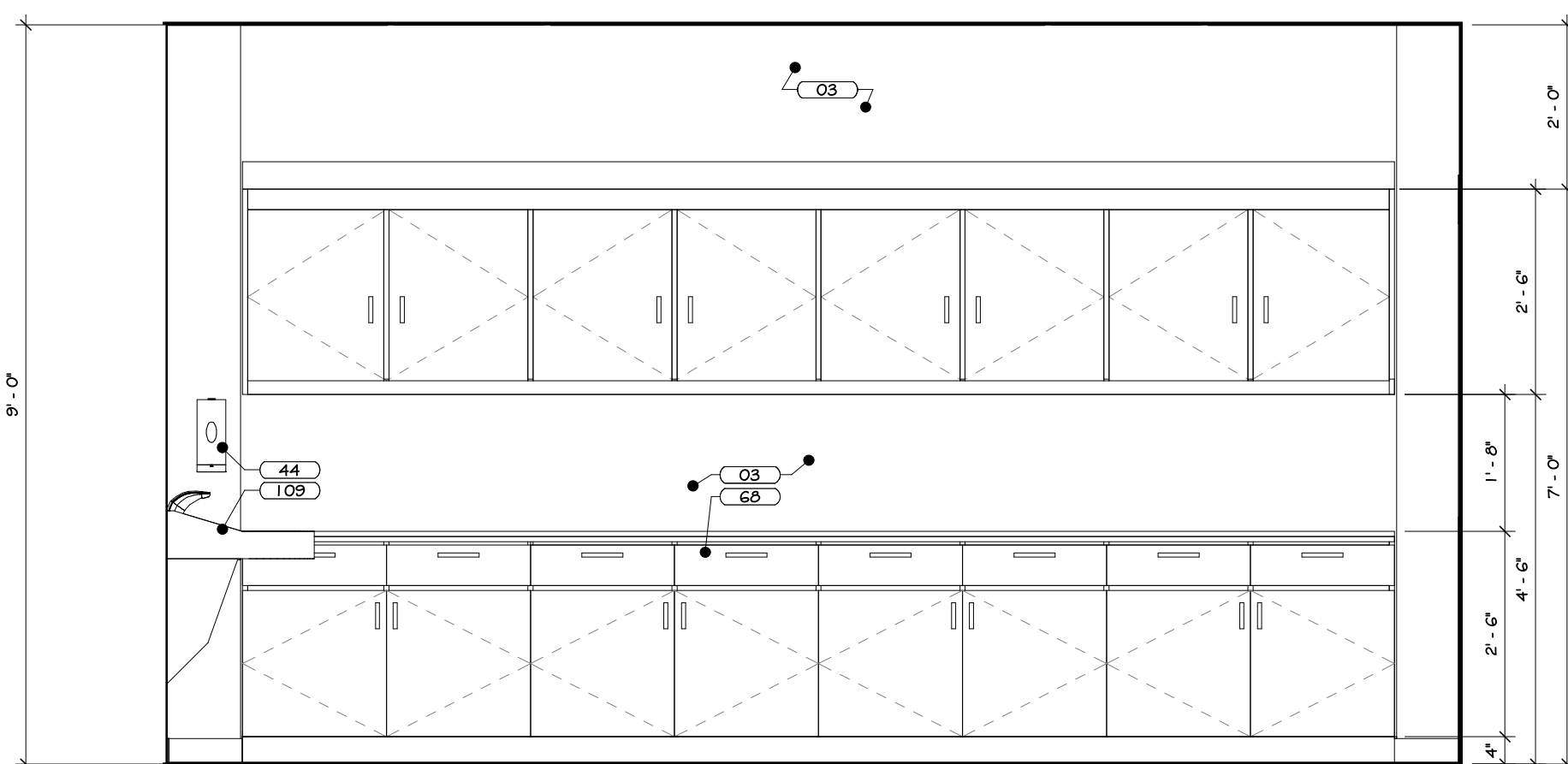


ELEVATION F2

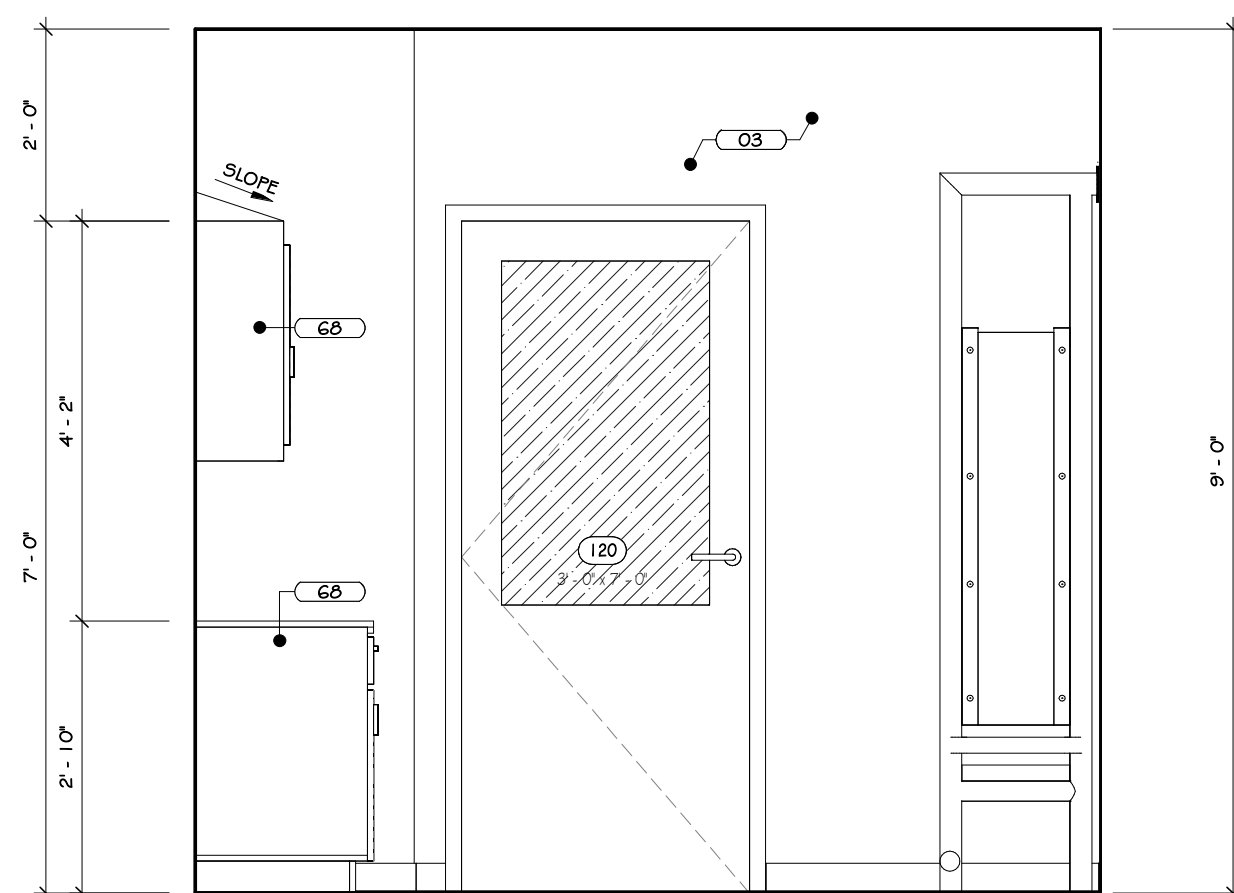
2 EVIDENCE PROCESSING # 123 INTERIOR ELEVATION  
1/2" = 1'-0"



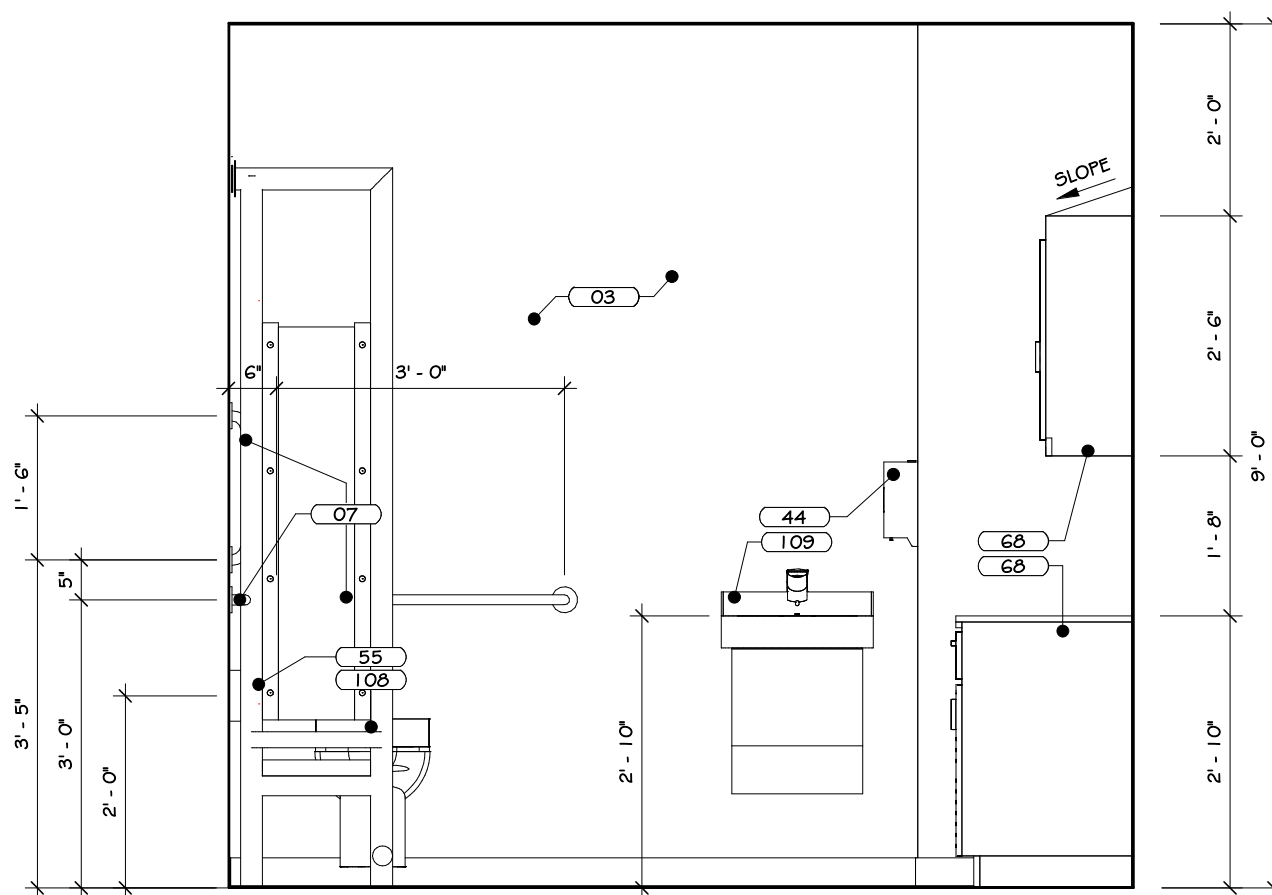
3 BOOKING # 120 ENLARGED PLAN  
1/2" = 1'-0"



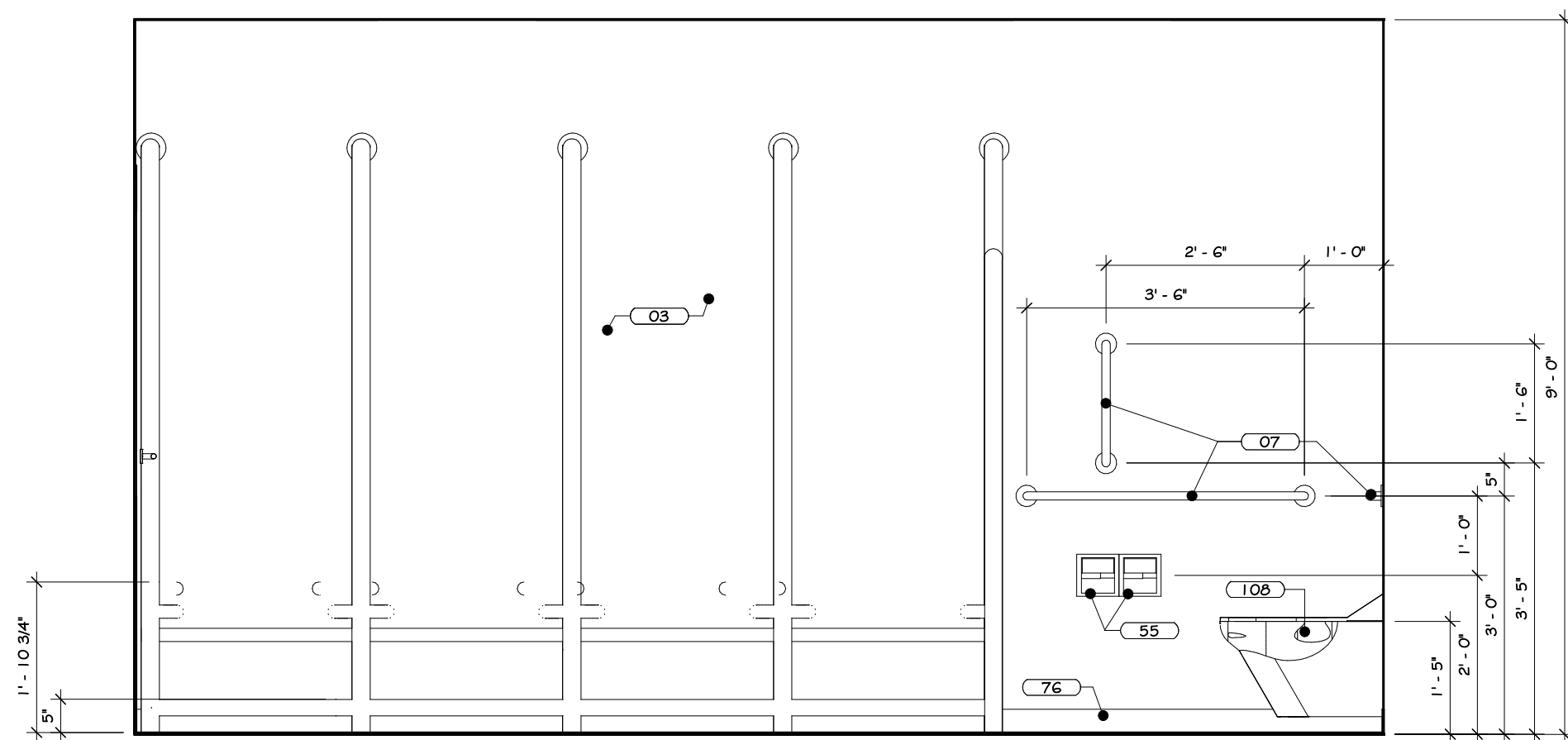
ELEVATION G2



ELEVATION H2



ELEVATION J2



ELEVATION I2

4 BOOKING # 120 INTERIOR ELEVATION  
1/2" = 1'-0"

## CONSTRUCTION NOTES

1. REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
2. INSTALL BLOCKING BEHIND ALL WALL MOUNTED FIXTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
3. TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE), ETC. ARE TO RECEIVE SCHLUTER EDGE TRIM.
4. DRY BOARD TO BE PAINTED WALL W/ COLORS AS PER PAINT PLAN. SEE PAINT PLAN.
5. PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SIGNAGE, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
6. WALL MOUNTED MILLWORK, ETC. TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT.
7. EXPOSED CMU TO HAVE BLACK FILL PAINT AT ALL LOCATIONS. STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPECIFICATIONS, INCLUDING REFRIGERATOR W/ ICE MAKER, DISHWASHERS, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER, INSTALLED BY G.C.
8. VENDING MACHINE ARE BY OWNER'S CHOICE. SEE PLAN FOR QUANTITY.
9. TV SIZE & LOCATIONS TO BE CONFIRMED WITH OWNER.
10. WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S IT/AV CONSULTANT FOR ALL AV EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.), WORKER & DATA. SEE SPECIFICATIONS FOR VARYING MOUNTING HEIGHTS AT OFFICES, CONFERENCE ROOMS, BREAK ROOM, TRAINING AREAS, CAFE, ETC.
11. DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
12. WOOD APPROX AND/OR SLOPING WOOD PANEL ACCESSIBILITY SCREENS ARE TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SEAT AND ACCESS TO PLUMBING.
13. BELOW COUNTER MICROWAVE SHELVES TO ACCOMMODATE A 24" MIN MICROWAVE.
14. INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE SCRIBED FILLER PANELS AS REQUIRED AT WALLS/CEILINGS.

## KEY NOTES

02	GLAZED WALL TILE - SEE SPECS.
03	INTERIOR LATEX PAINT - SEE SPECS.
07	GRAB BARS, SEE SPECS.
44	AUTOMATED SOAP/LATHER DISPENSER, WALL MOUNTED - SEE SPECS.
55	TOILET PAPER DISPENSER, DOUBLE ROLL, SURFACE MOUNT - SEE SPECS.
60	CASWORK, SEE SPECS.
76	RESILIENT WALL BASE, SEE SPECS.
68	STAINLESS STEEL MILLWORK - SEE SPECS.
69	PASS THROUGH EVIDENCE LOCKER - SEE SPECS.
70	FLOOR GRAB, SEE PLUMBING DRAWINGS.
108	ANTI-LIGATURE STAINLESS WALL MOUNTED TOILET - SEE SPECS.
109	ANTI-LIGATURE LAVATORY WALL FOUNTAIN - SEE SPECS.

## REVISIONS:

NUM.	DATE	DESCRIPTION

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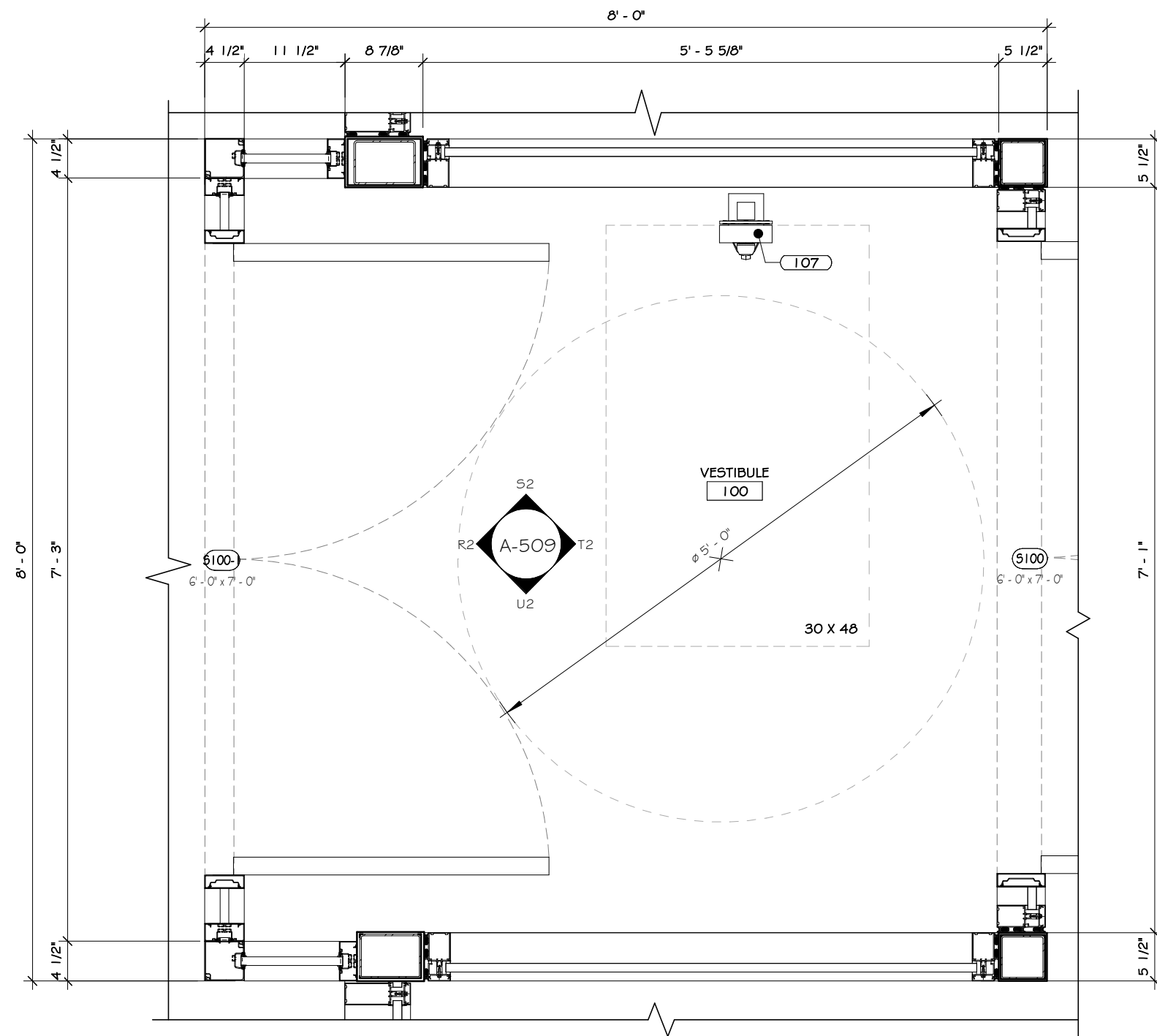
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	Project: 23138 Date: 02/24/25
	Drawn: IDEA Scale: AS NOTED
	Drawing Number: A-507

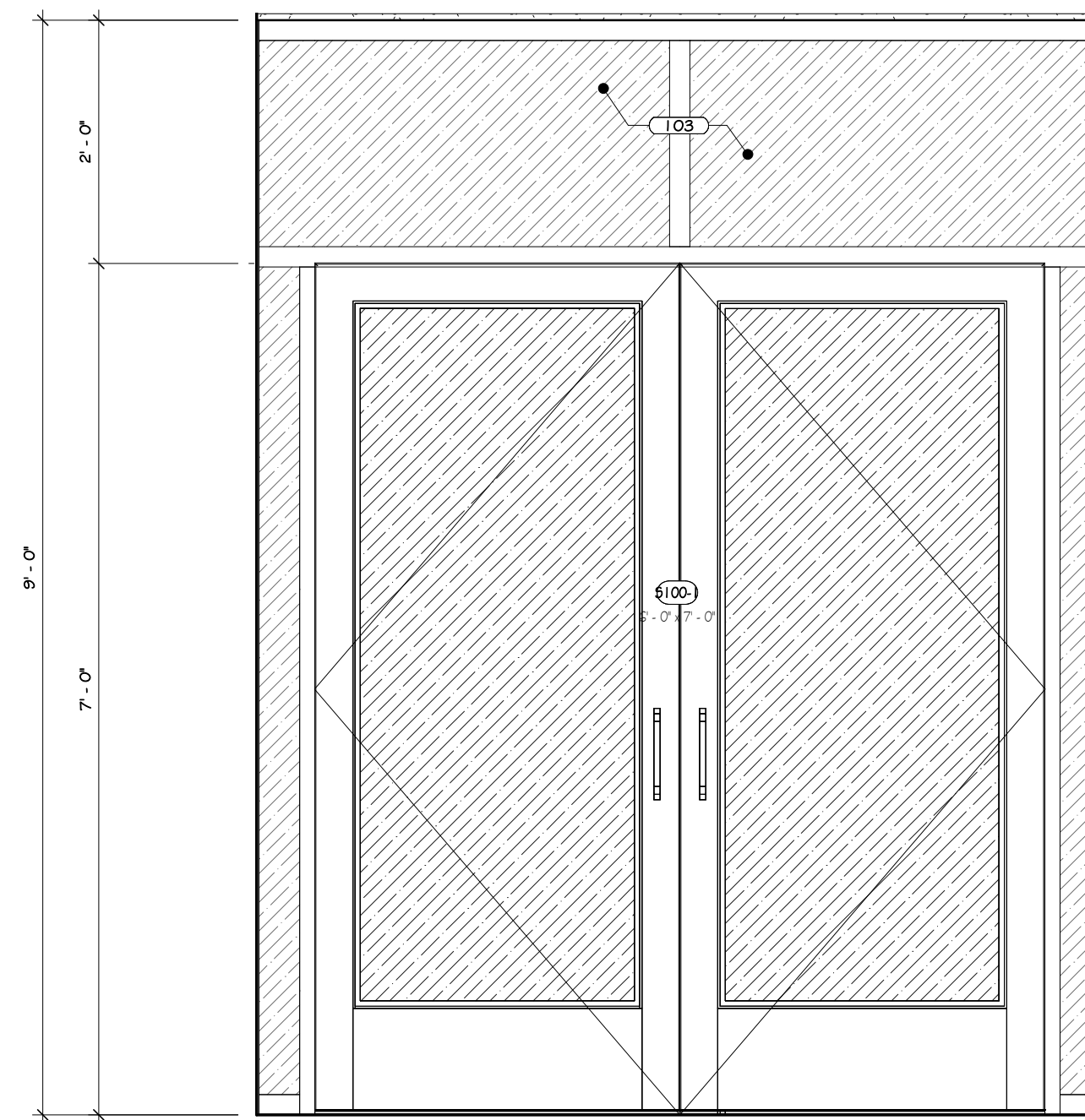




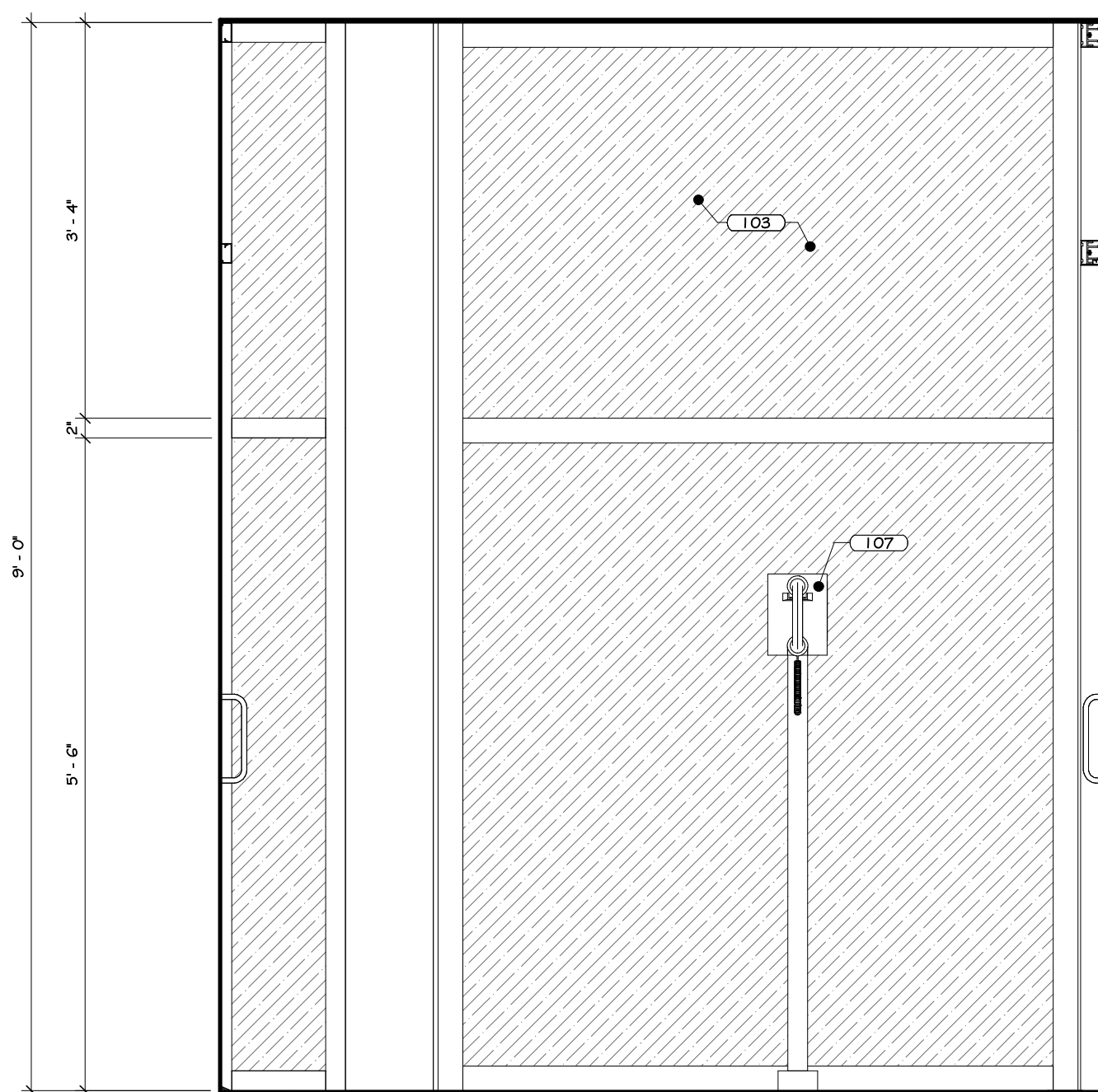




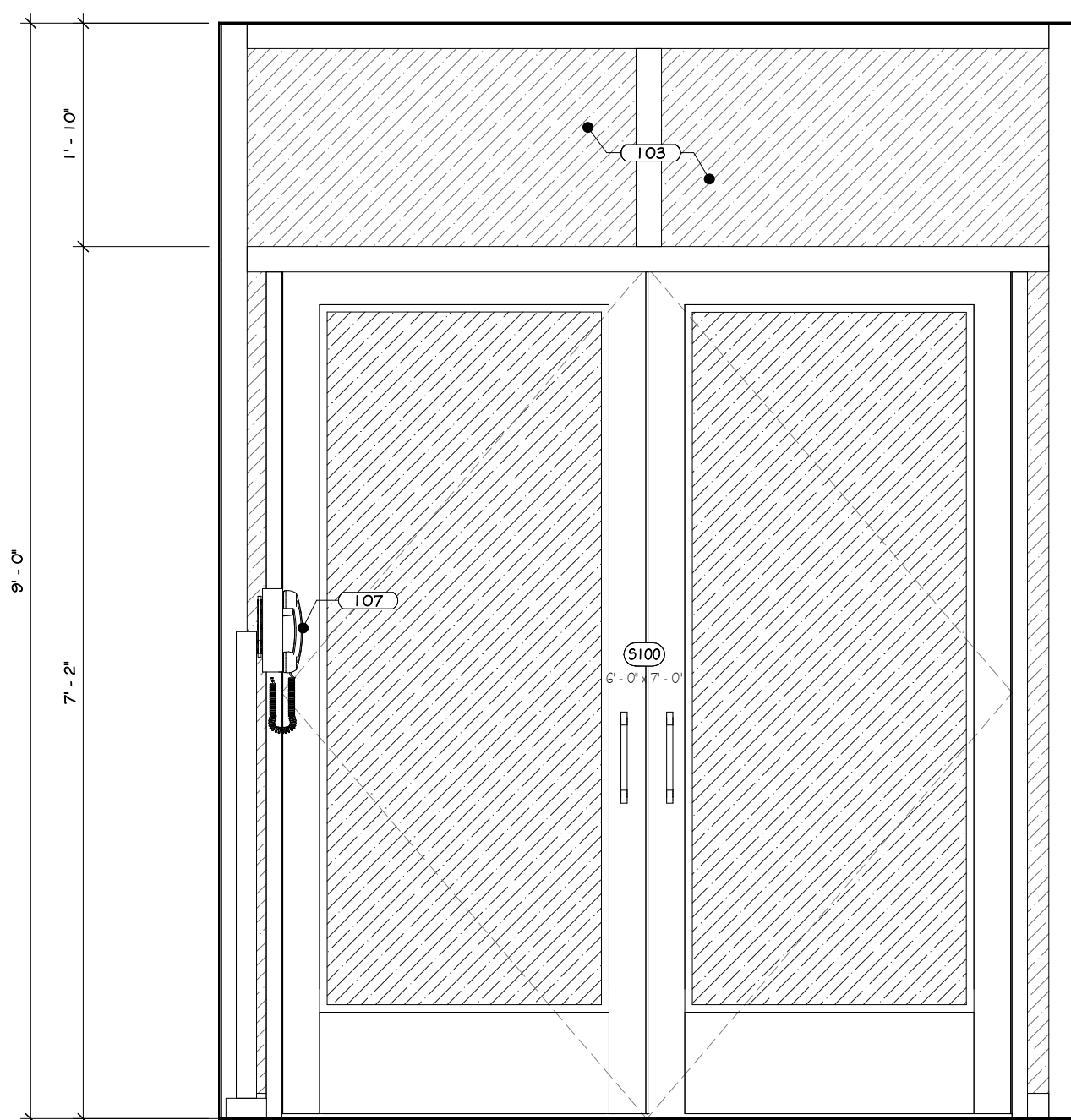
1 ENLARGED PLAN VESTIBULE  
3/4" = 1'-0"



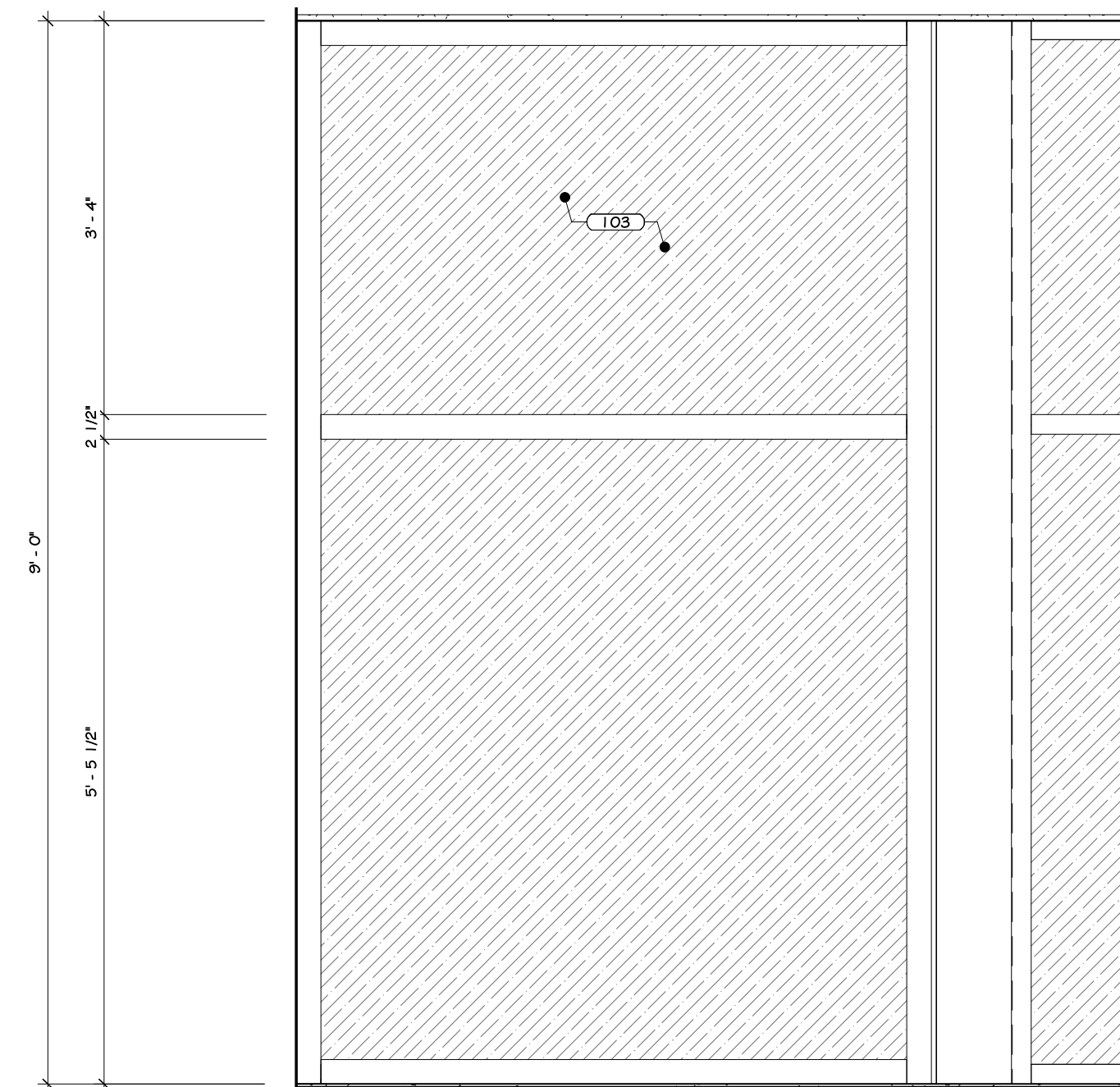
ELEVATION R2



ELEVATION S2



ELEVATION T2



ELEVATION U2

## CONSTRUCTION NOTES

## KEY NOTES

103 CURTAIN WALL SYSTEM - SEE SPECS.

107 IN-11 AUTO-DIAL PHONE WITH PEDISTAL - SEE SPECS.

## REVISIONS:

NUM.	DATE	DESCRIPTION

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KEY PLAN

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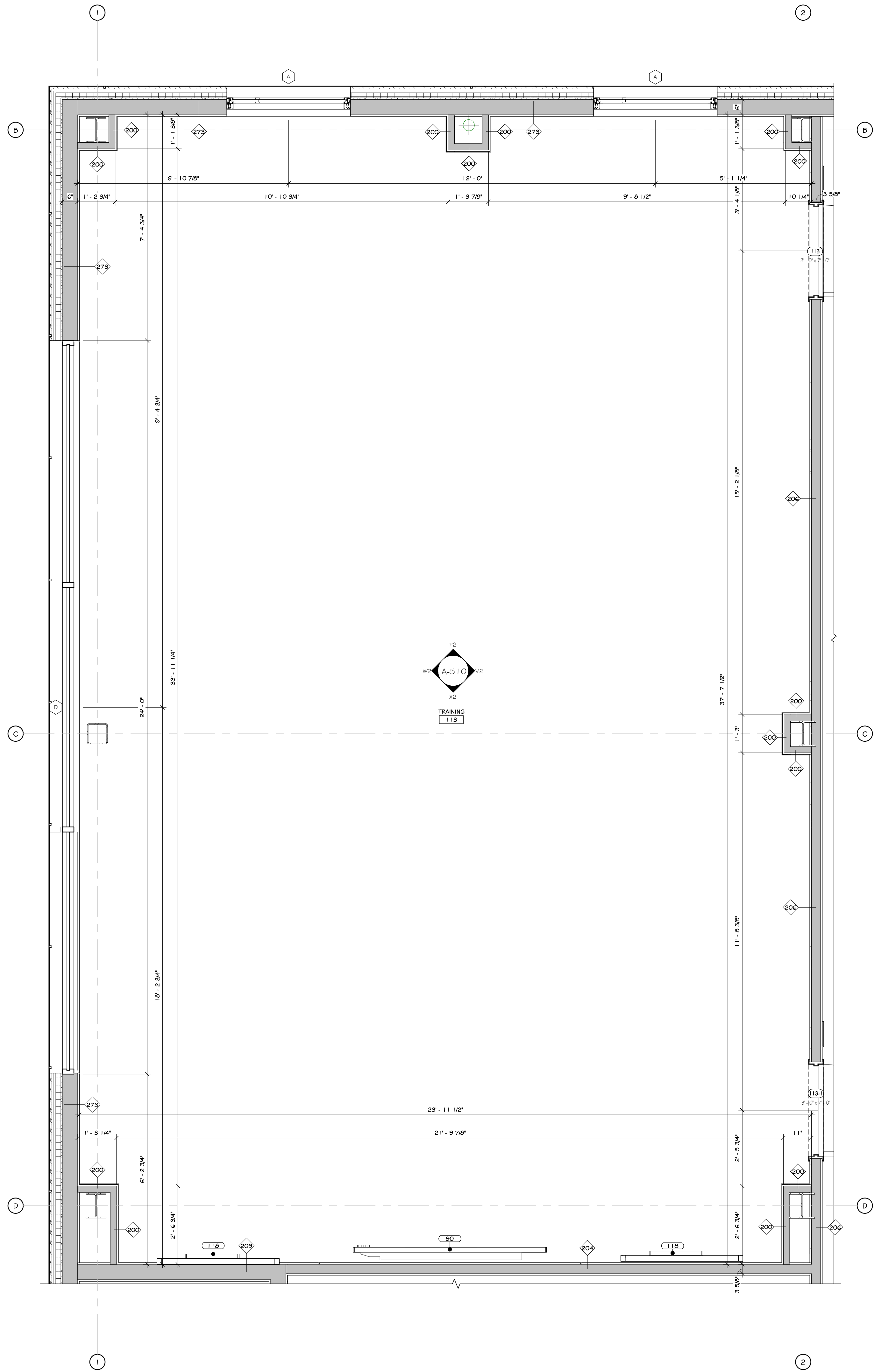
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MONTGOMERY, NEW YORK 12549

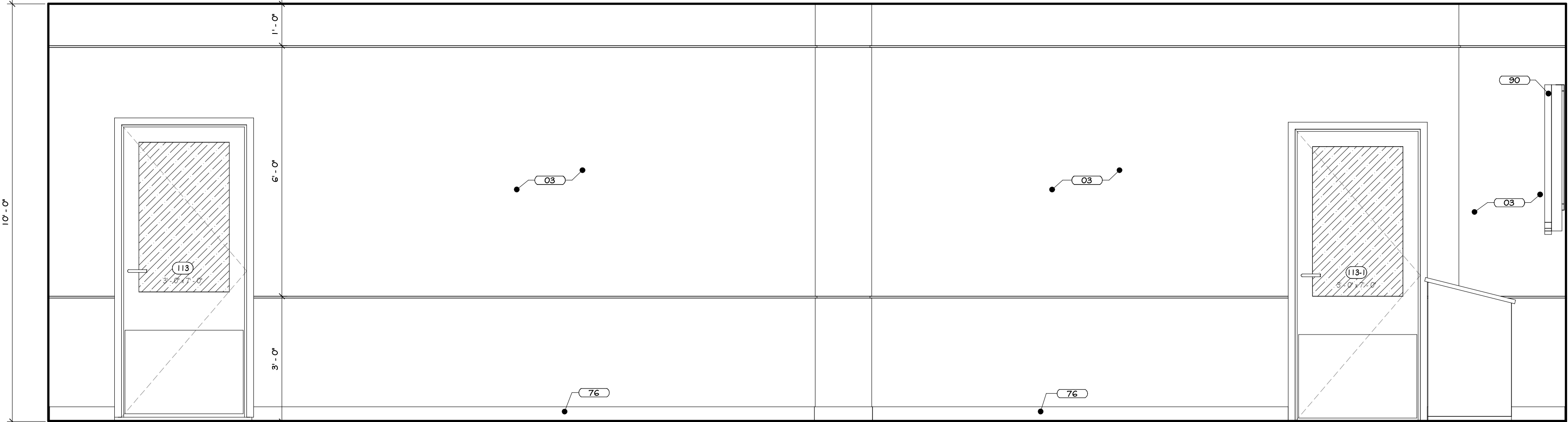
Drawing: VESTIBULE INTERIOR ELEVATION

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-509**

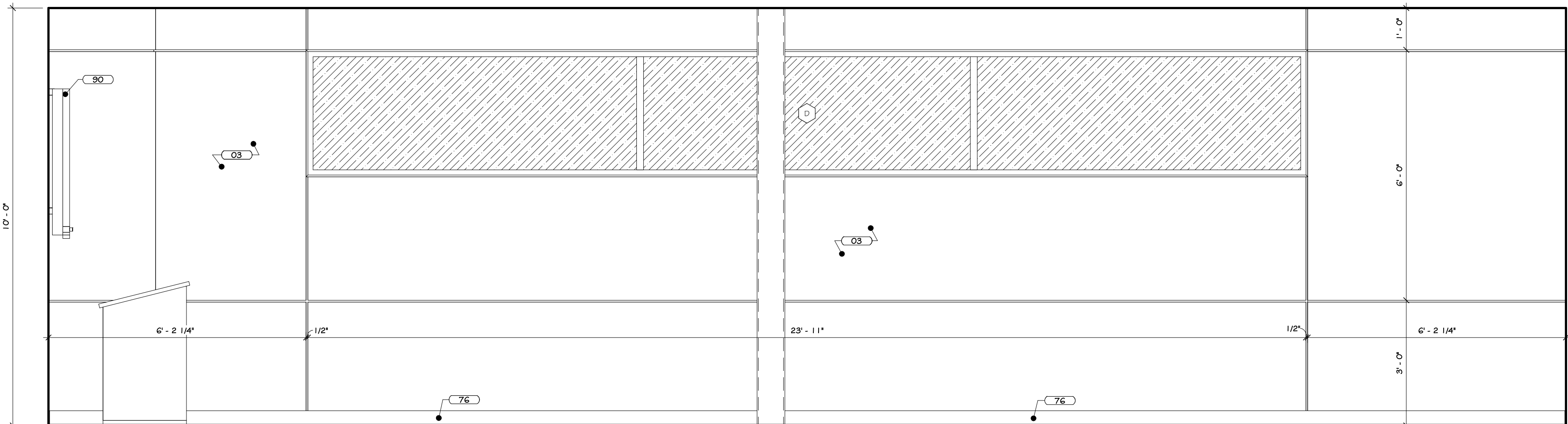




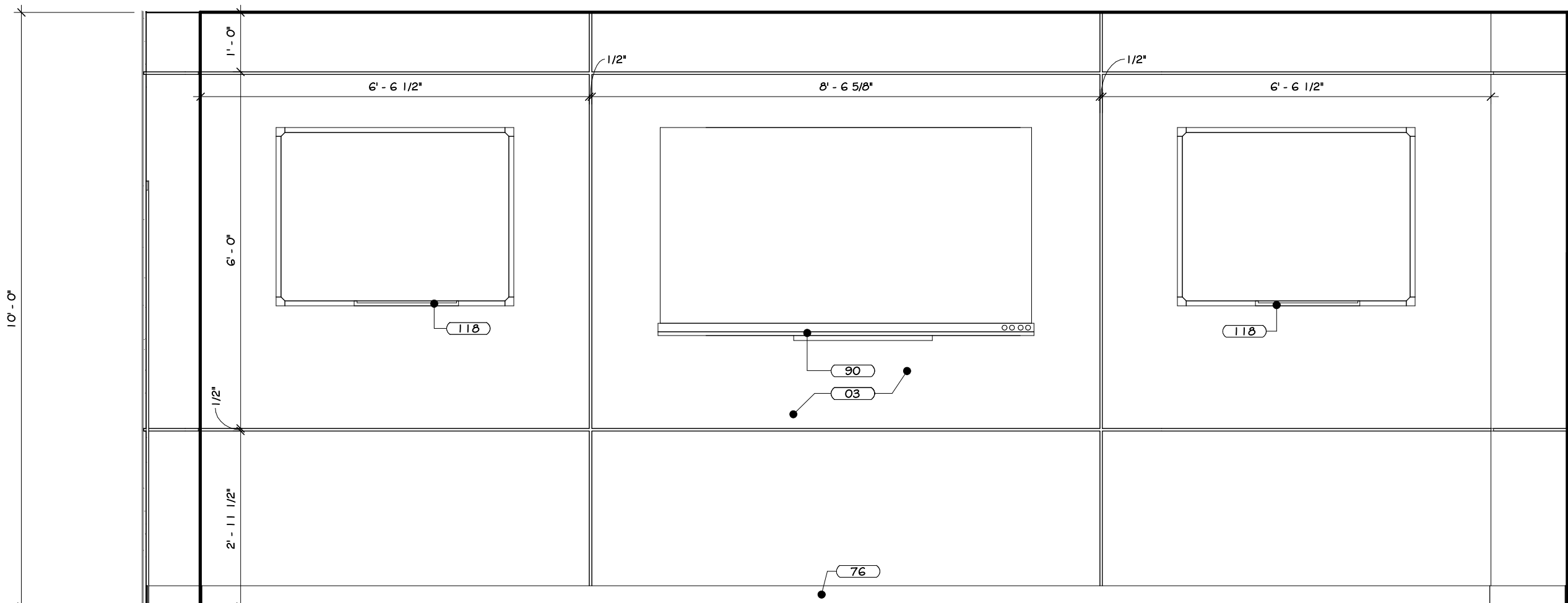
1 ENLARGED TRAINING PLAN  
1/2" = 1'-0"



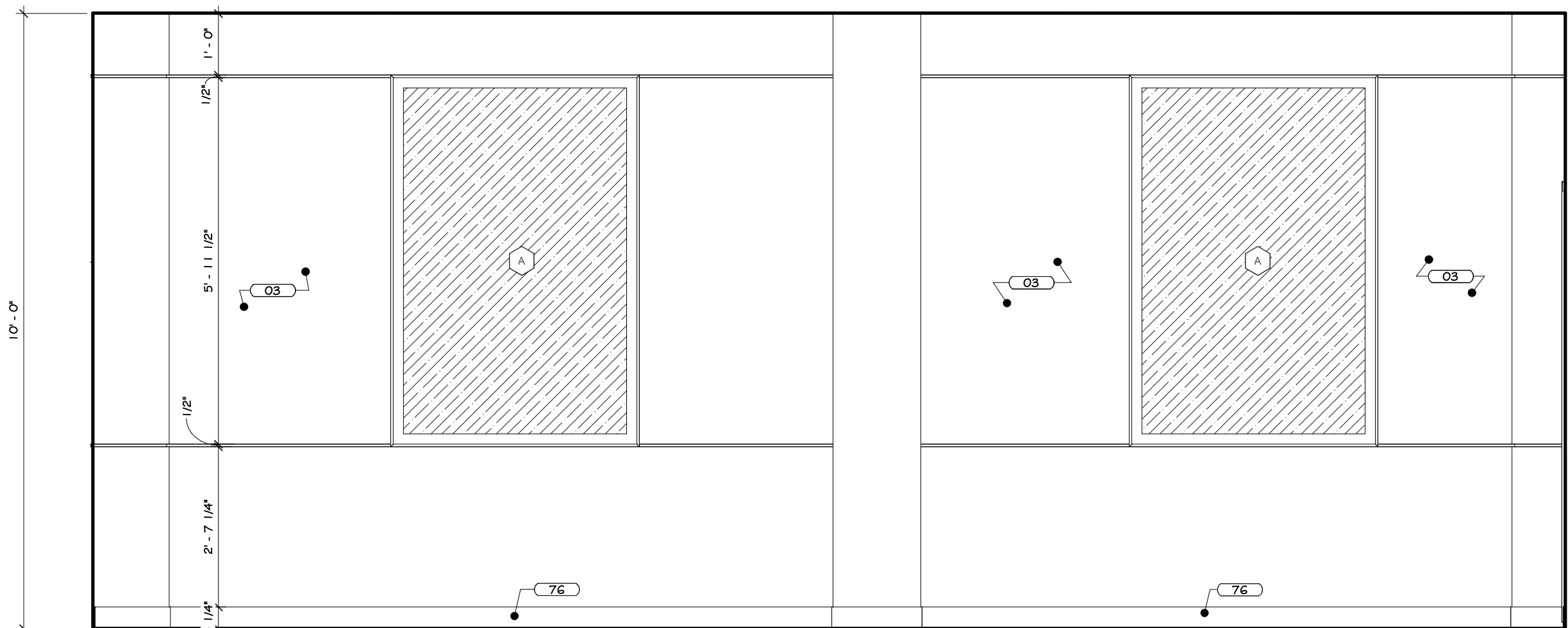
ELEVATION V2



ELEVATION W2



ELEVATION X2



ELEVATION Y2

2 TRAINING ROOM INTERIOR ELEVATION  
1 1/2" = 1'-0"

### CONSTRUCTION NOTES

- REFER TO TYPICAL ACCESSIBILITY REQUIREMENT SHEET IN CONJUNCTION WITH THIS SHEET, FOR MOUNTING HEIGHTS AND DIMENSIONS.
- INSTALL BLOTTING BEHIND ALL WALL MOUNTED PICTURES, MIRRORS, GRAB BARS, AND TOILET PARTITIONS, AS REQUIRED.
- TILE TO CONTINUE AROUND ENTIRE ROOM. ALL INSIDE CORNERS, OUTSIDE CORNERS, EXPOSED EDGES AT TERMINATION POINTS (TOP OF TILE), ETC. ARE TO RECEIVE SCHLUTER EDGE TRIM.
- DOY. BOARD TO BE PAINTED WALL W/ COLORS AS PER PAINT PLAN. SEE PAINT PLAN.
- PROVIDE FLAT METAL PLATE BLOCKING FOR FLAT SCREEN TV, GRAB BARS, TOILET PARTITIONS, INTERIOR SIGNAGE, ETC. COORDINATE LOCATION OF OWNER SUPPLIED EQUIPMENT WITH OWNER.
- WALL MOUNTED MILLWORK: SC TO PROVIDE FLAT METAL PLATE BLOCKING FOR COUNTER SUPPORT. EXPOSED CMU TO HAVE BLOCK FILL PAINT AT ALL LOCATIONS STEEL COLUMNS TO BE CLEANED, PRIMED & PAINTED. SEE PAINT PLAN & SPEC. APPLIANCES, INCLUDING REFRIGERATOR, W/ ICE MAKER, DISHWASHER, MICROWAVES, OVENS, RANGES, ETC. PURCHASED BY OWNER. INSTALLED BY G.C.
- TV SIZE & LOCATIONS TO BE CONFIRMED BY OWNER.
- WALL MOUNTED BRACKETS TO BE PROVIDED BY OWNER'S IT/AV CONSULTANT FOR ALL ANY EQUIPMENT (TV, SCREENS, PROJECTORS, ETC.) W/ POWER & DATA. SEE SPECIFICATIONS FOR VARYING MOUNTING HEIGHTS AT OFFICES, CONFERENCE ROOMS, BREAK ROOM, TRAINING AREAS, CAFE, ETC.
- DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN IS TO BE PROVIDED WITH FILTERED WATER BOTTLE DISPENSER. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
- WOOD APRONS AND/OR SLIDING WOOD PANEL ACCESSIBILITY SCREENS ARE TO BE REMOVABLE TO ALLOW FOR REPLACEMENT OF SOAP AND ACCESS TO PLUMBING.
- BELOW COUNTER MICROWAVE SHELVES TO ACCOMMODATE A 24" MIN MICROWAVE.
- INTERIOR ELEVATIONS ARE FOR SCHEMATIC CABINET LAYOUT. CONTRACTOR TO VERIFY ALL DIMENSIONS. PROVIDE SCRIBED FILLER PANELS AS REQUIRED AT WALLS/ CEILINGS.

### KEY NOTES

OS	INTERIOR LATEX PAINT - SEE SPECS
76	REQUIRE WALL BASE, SEE SPECS
90	WALL MOUNTED TV, BY OWNER
118	WHITE BOARD - BY OTHERS

### REVISIONS:

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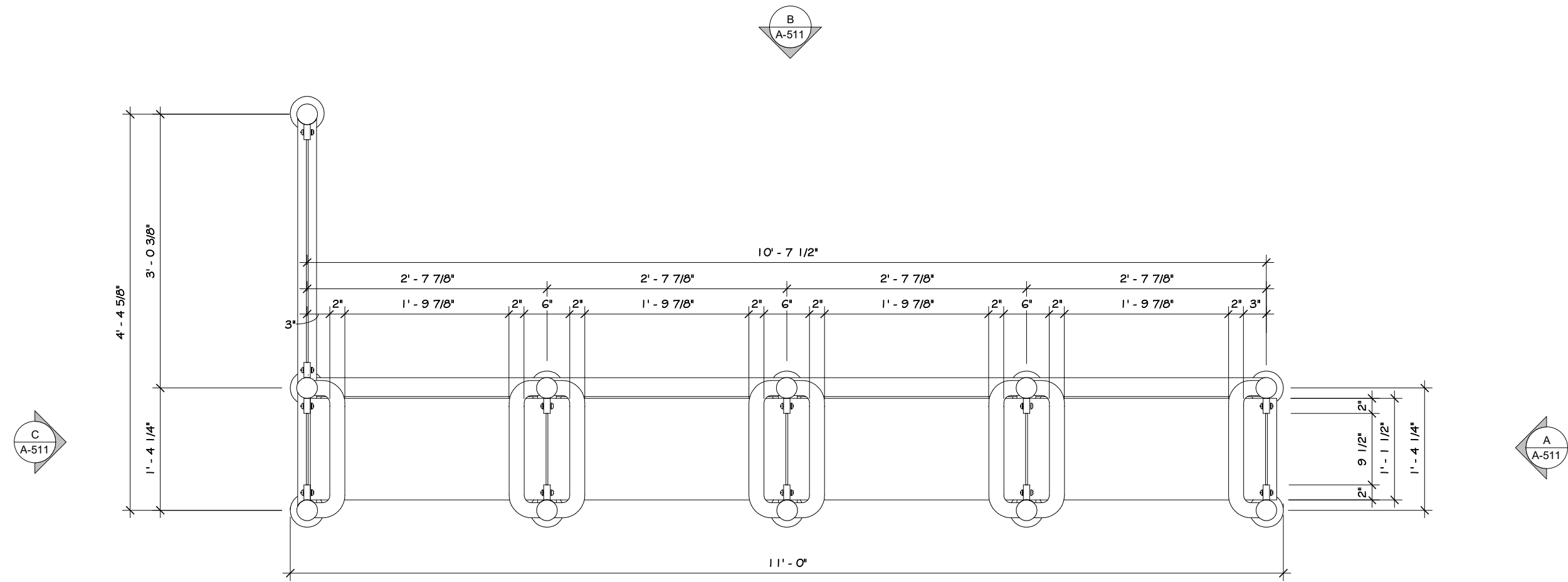
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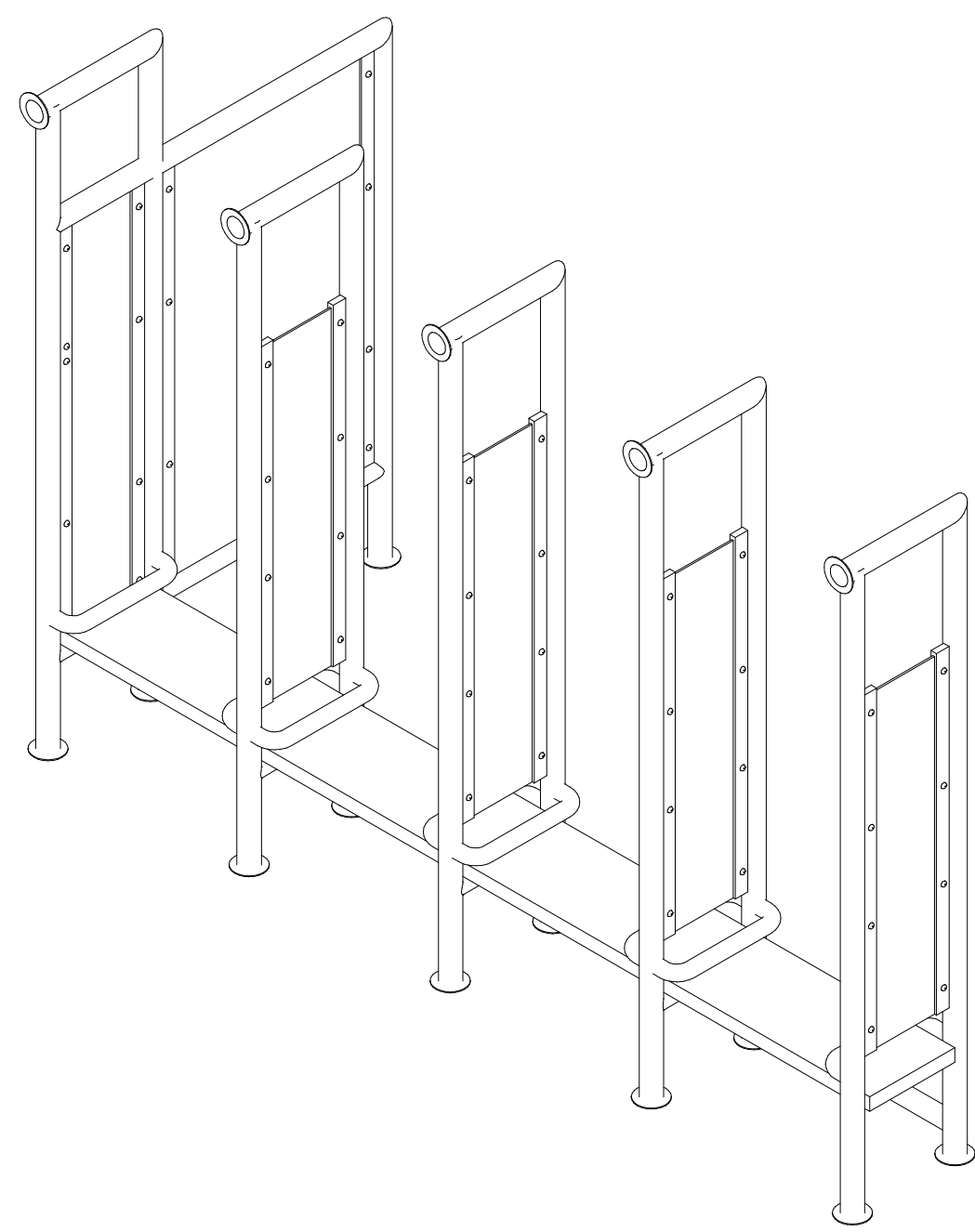
Drawing: TRAINING ROOM INTERIOR ELEVATIONS

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-510**

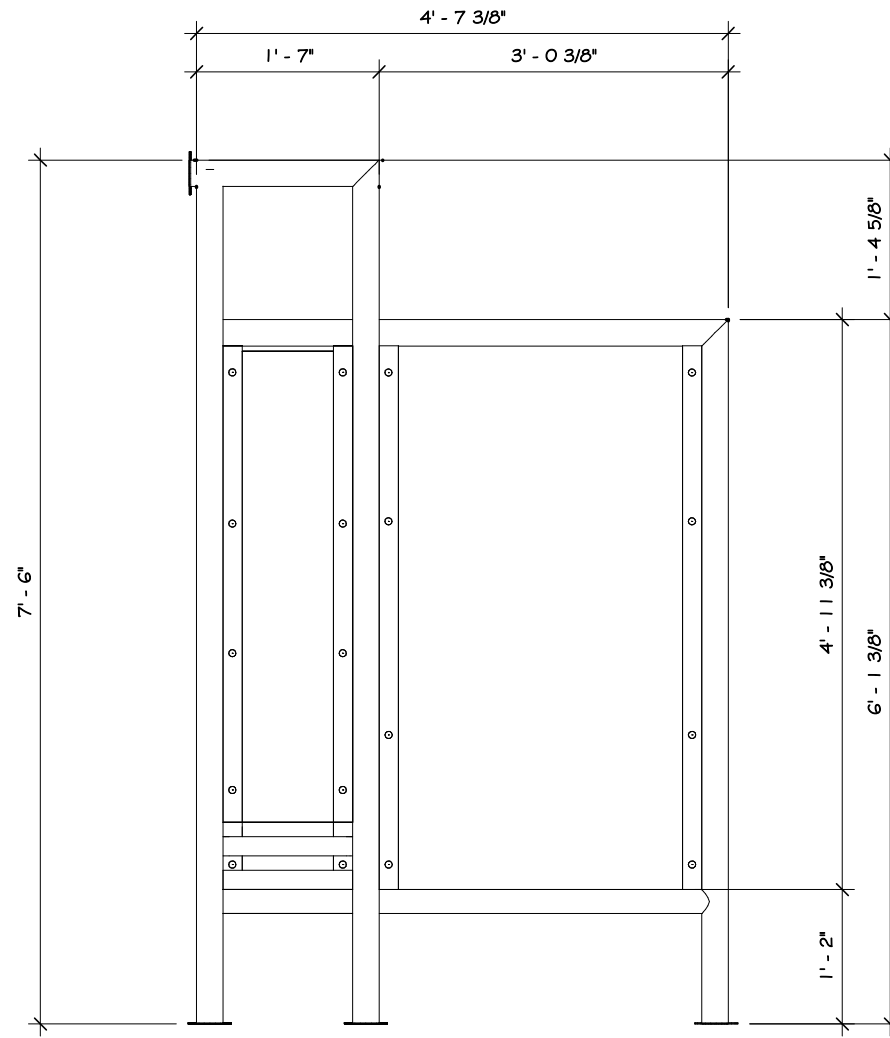




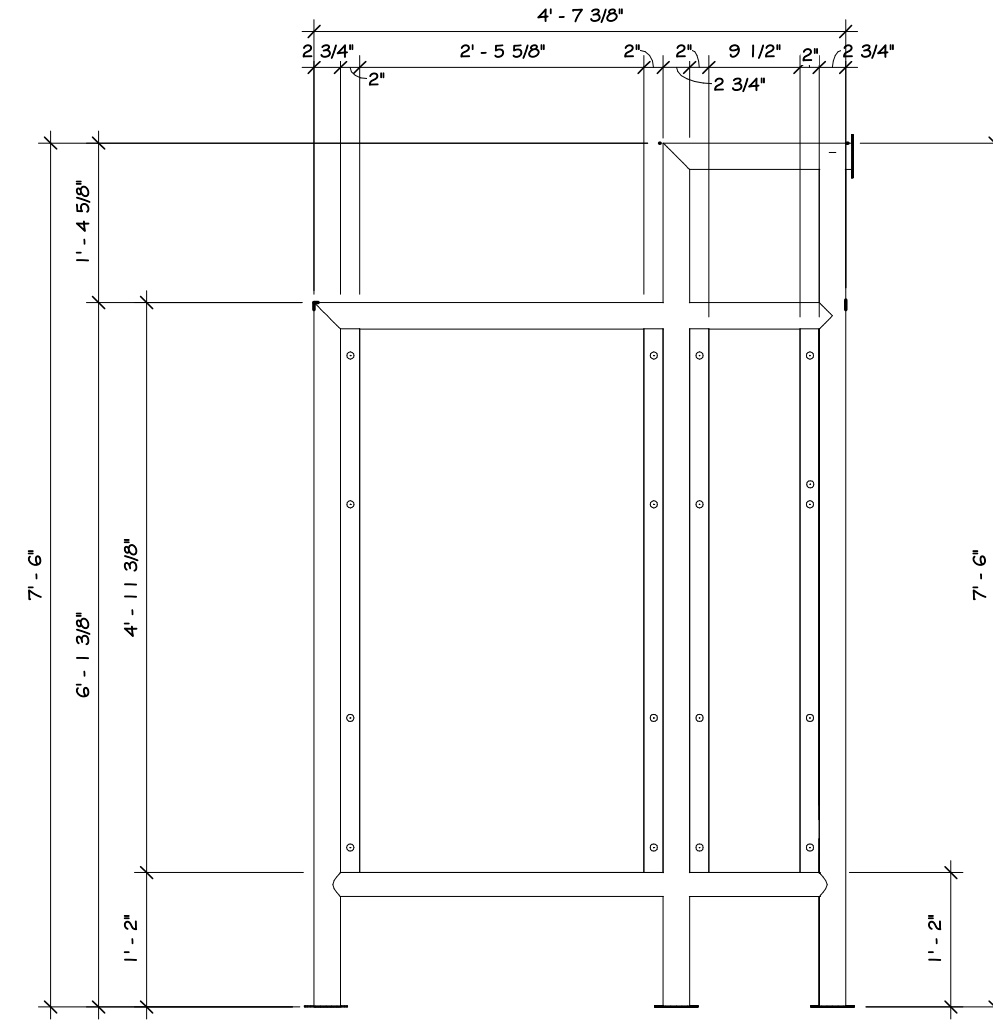
1 NEW BENCH PLAN  
3/4" = 1'-0"



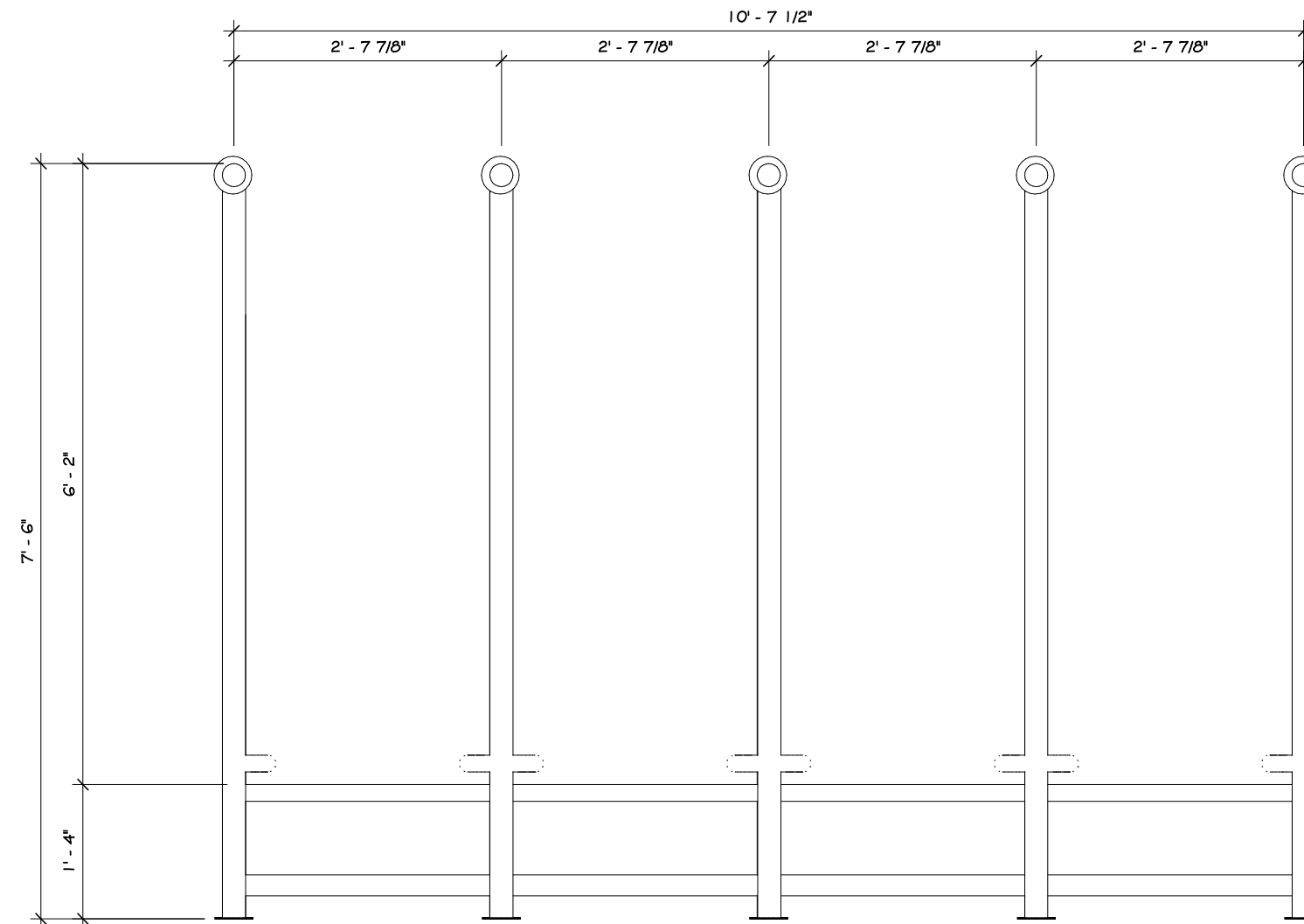
3D NEW BENCH



ELEVATION A



ELEVATION C



ELEVATION B

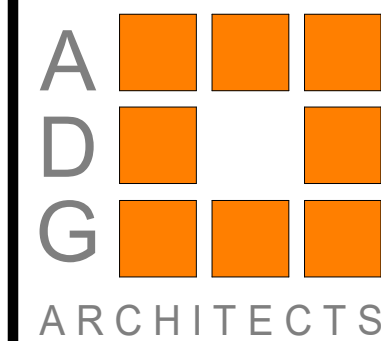
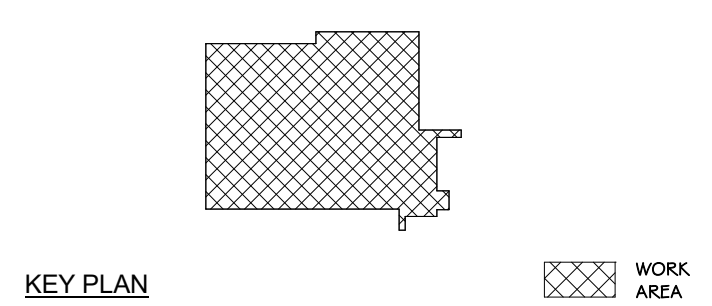
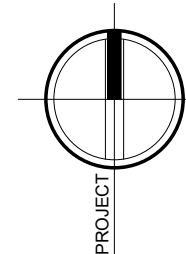
2 NEW BENCH ELEVATION  
1 1/2" = 1'-0"

## CONSTRUCTION NOTES

### REVISIONS:

NUM.	DATE	DESCRIPTION

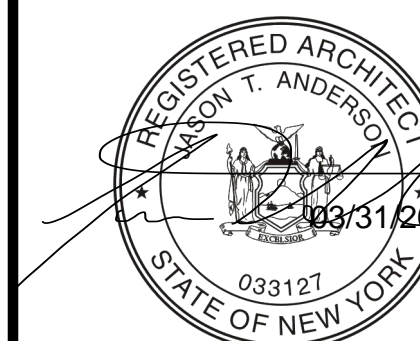
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Drawing: NEW BENCH PLAN & ELEVATIONS



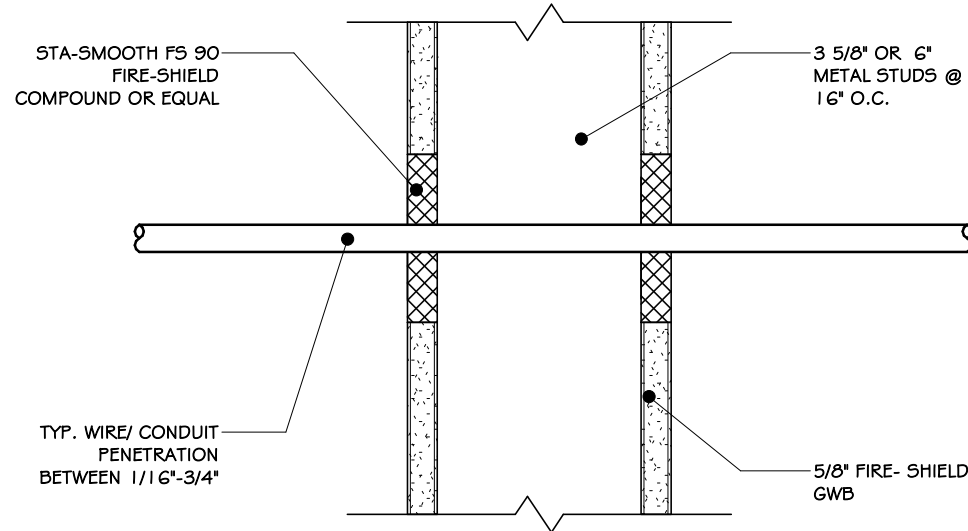
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Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-511

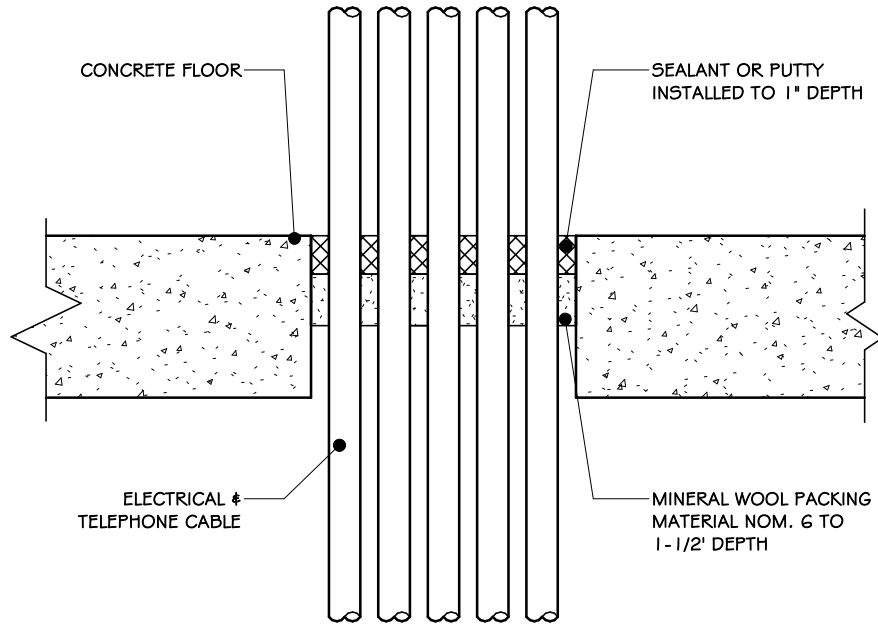




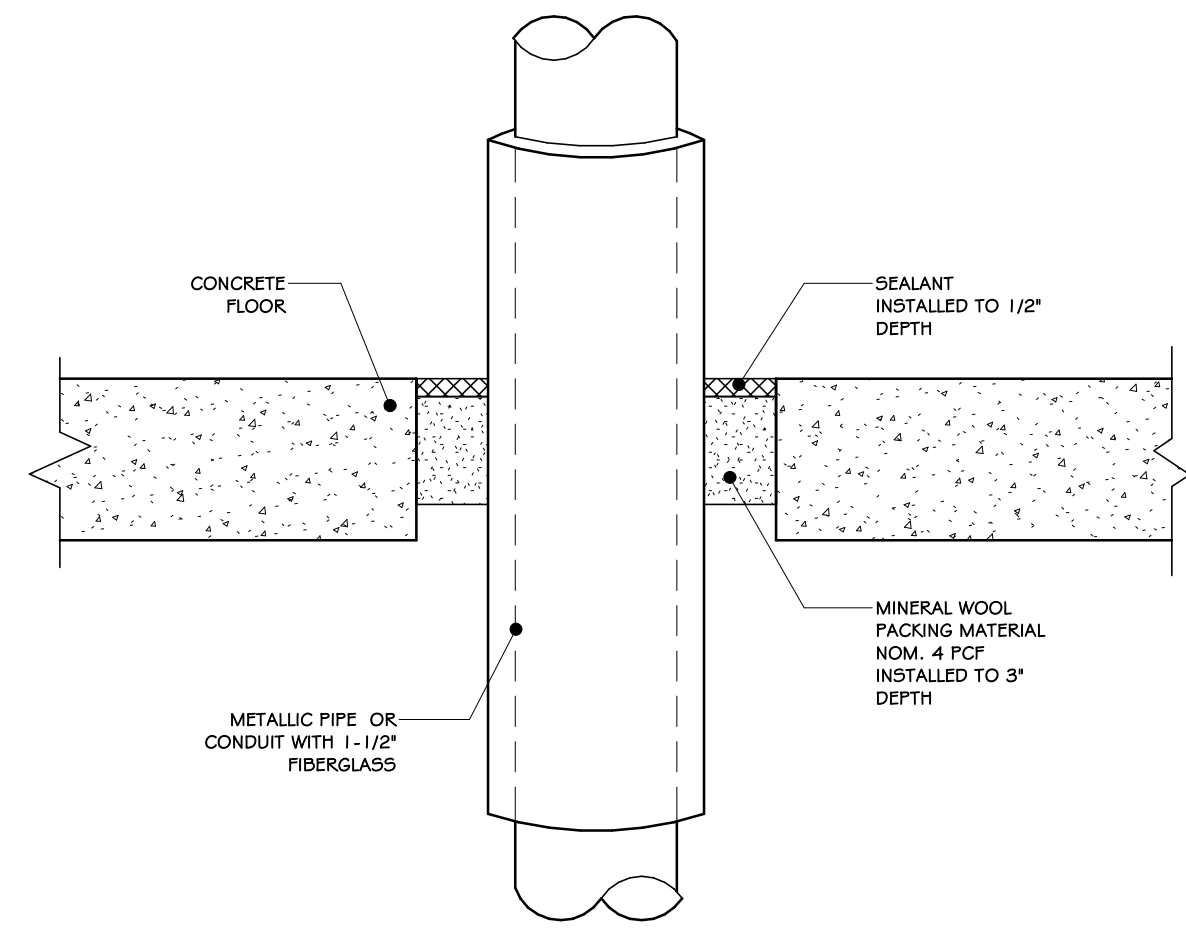




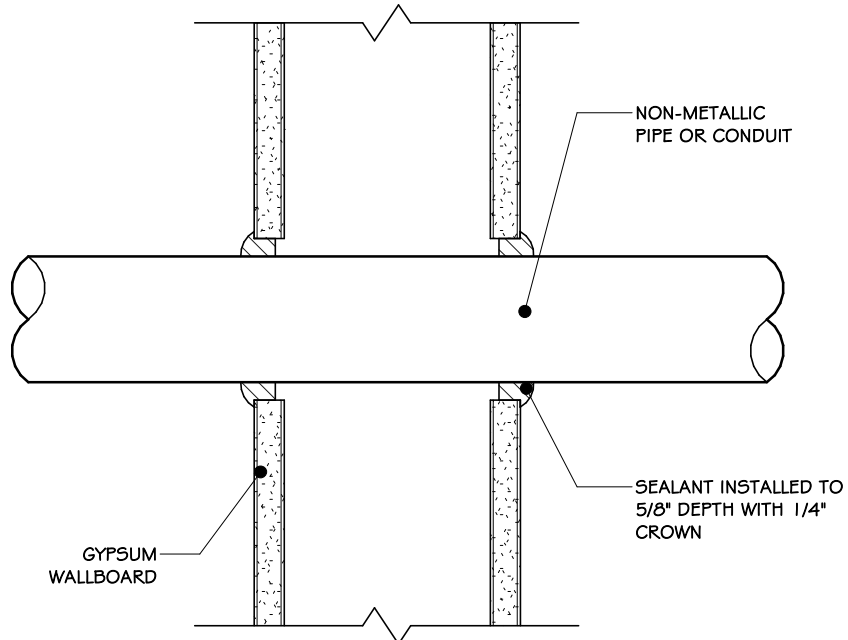
1 CONDUIT PENETRATION THROUGH  
3" = 1'-0"



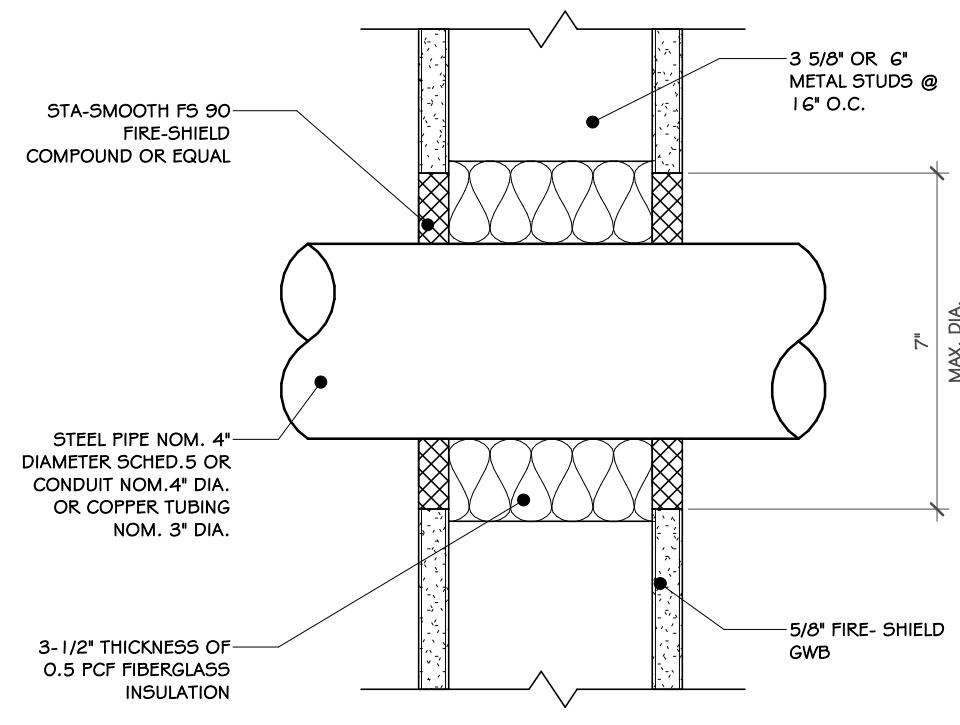
2 ELECTRICAL - TELEPHONE DATA CABLE  
3" = 1'-0"



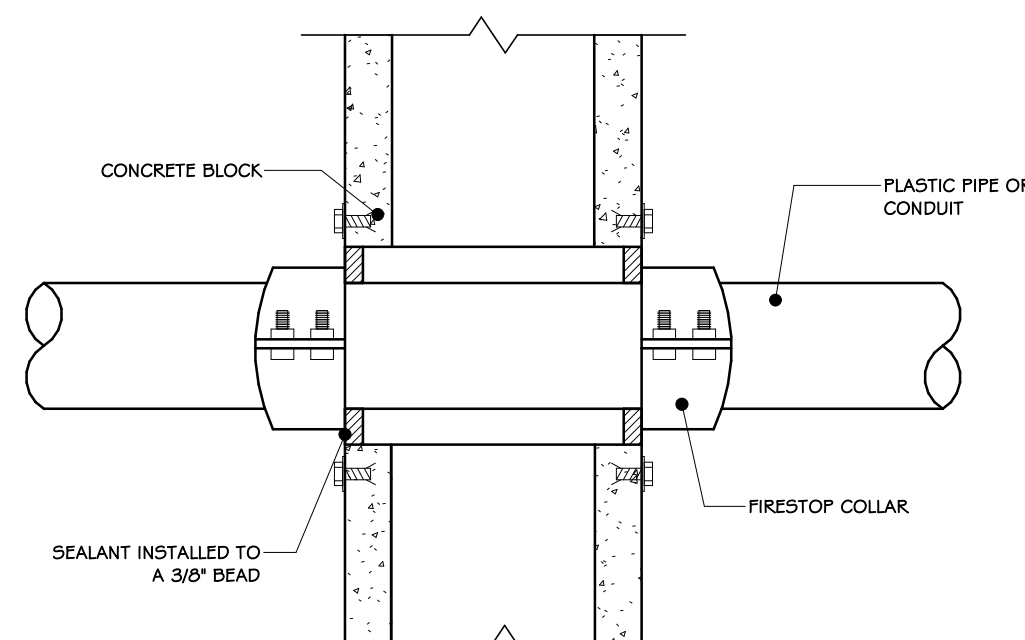
3 METALLIC PIPE - FIBERGLASS INSULATION - CONC. FLR.  
3" = 1'-0"



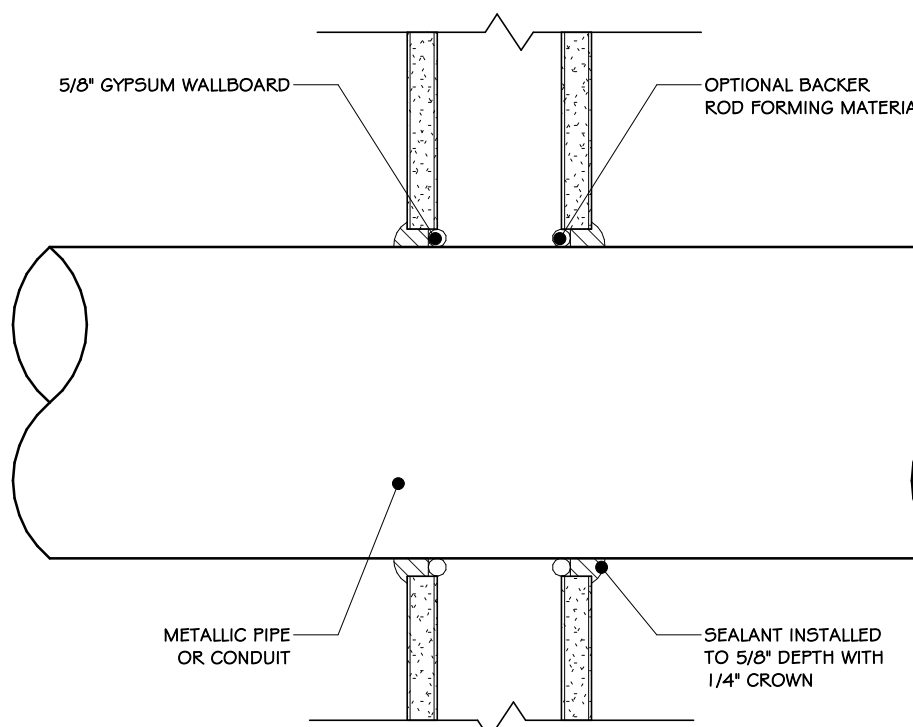
4 SMALL NON - METALLIC SUPPLY CONDUIT  
3" = 1'-0"



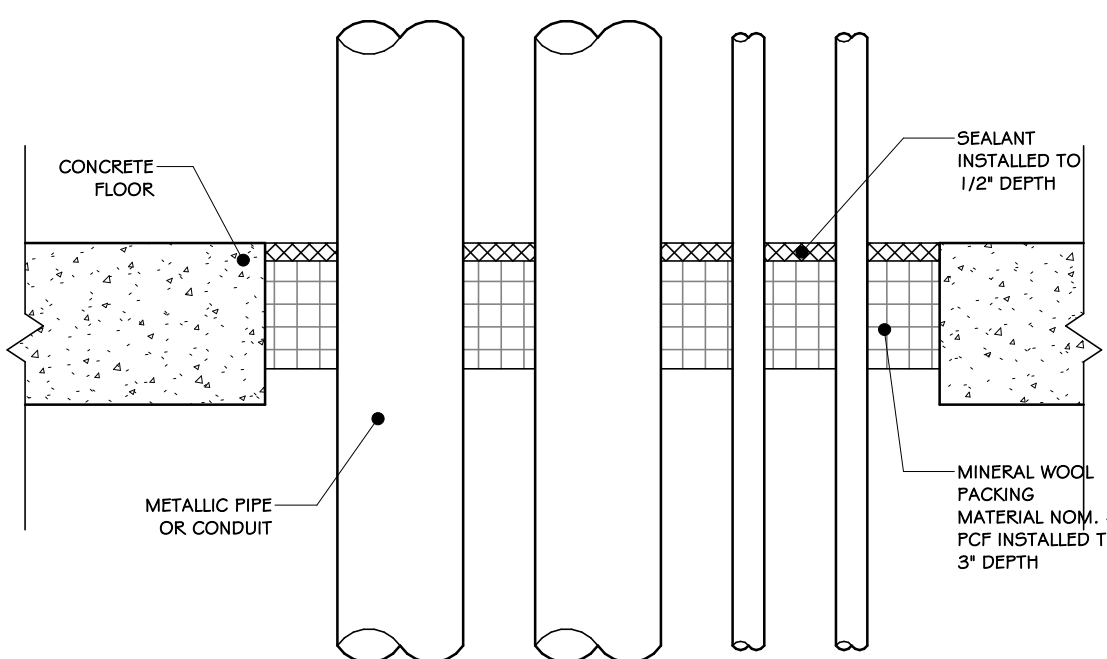
5 STEEL PIPE PENETRATION  
3" = 1'-0"



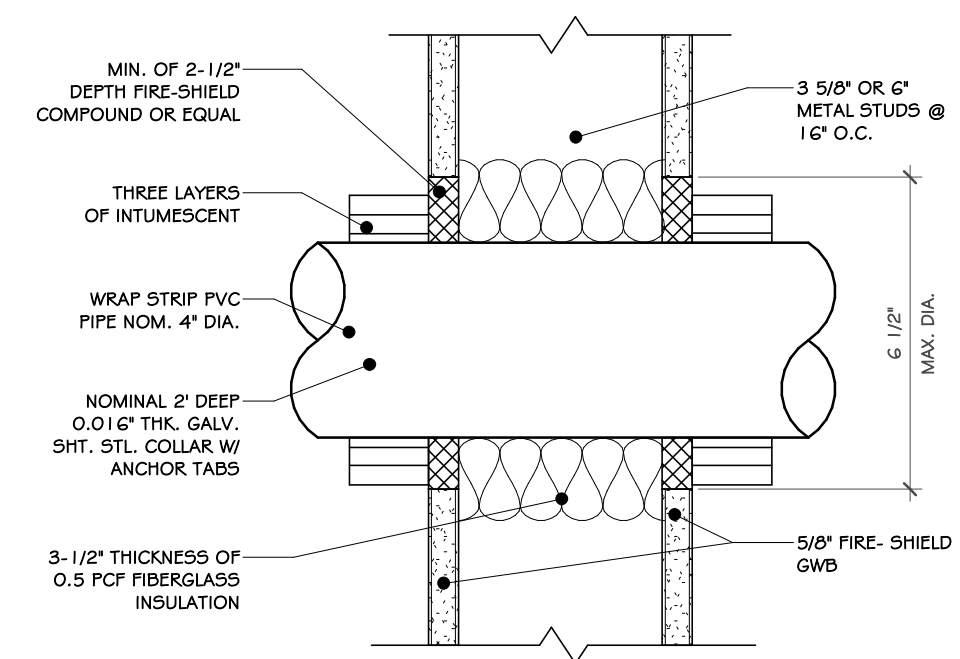
6 NON METALLIC SUPPLY CONDUIT  
3" = 1'-0"



7 METALLIC PIPE-GYPSUM WALLBOARD  
3" = 1'-0"



8 MULTIPLE PIPES-CONDUITS CONC. FLR.  
3" = 1'-0"



9 PVC PIPE PENETRATION THROUGH TEST  
3" = 1'-0"

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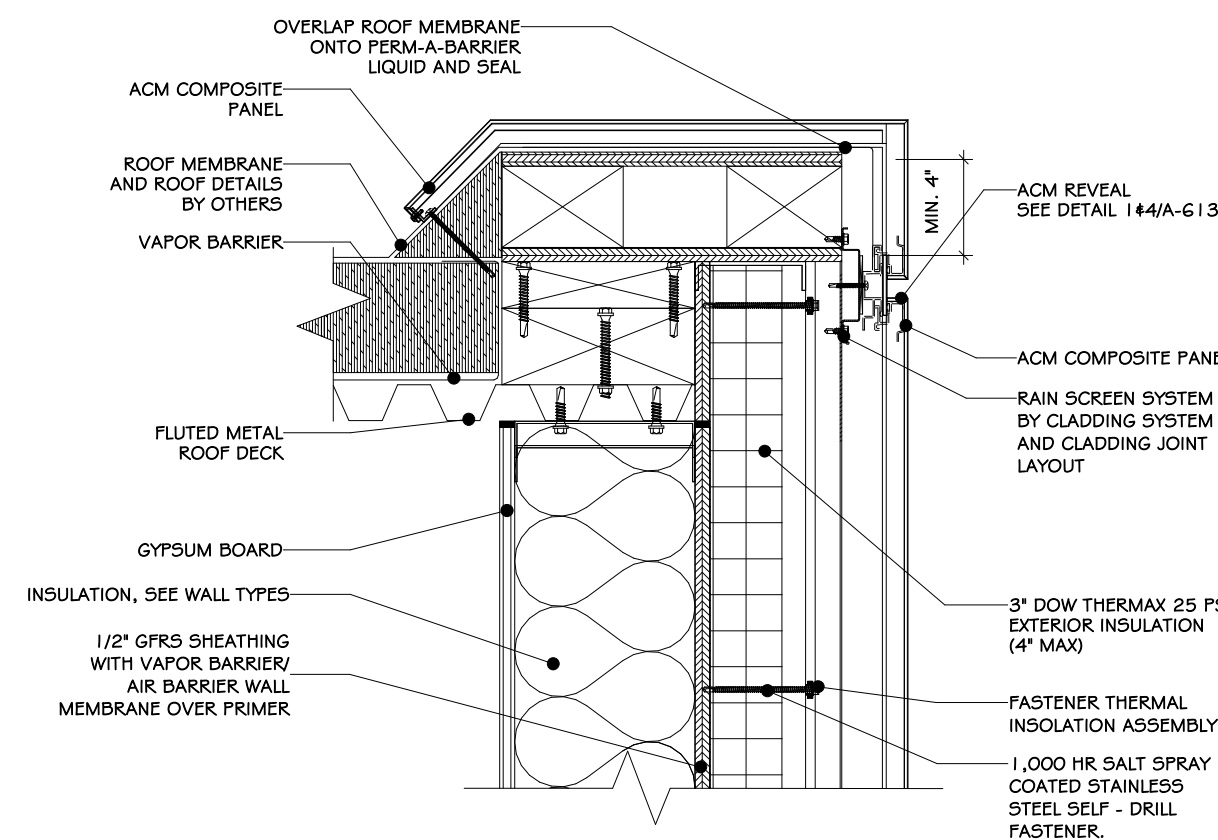
Drawing: CONDUIT DETAILS



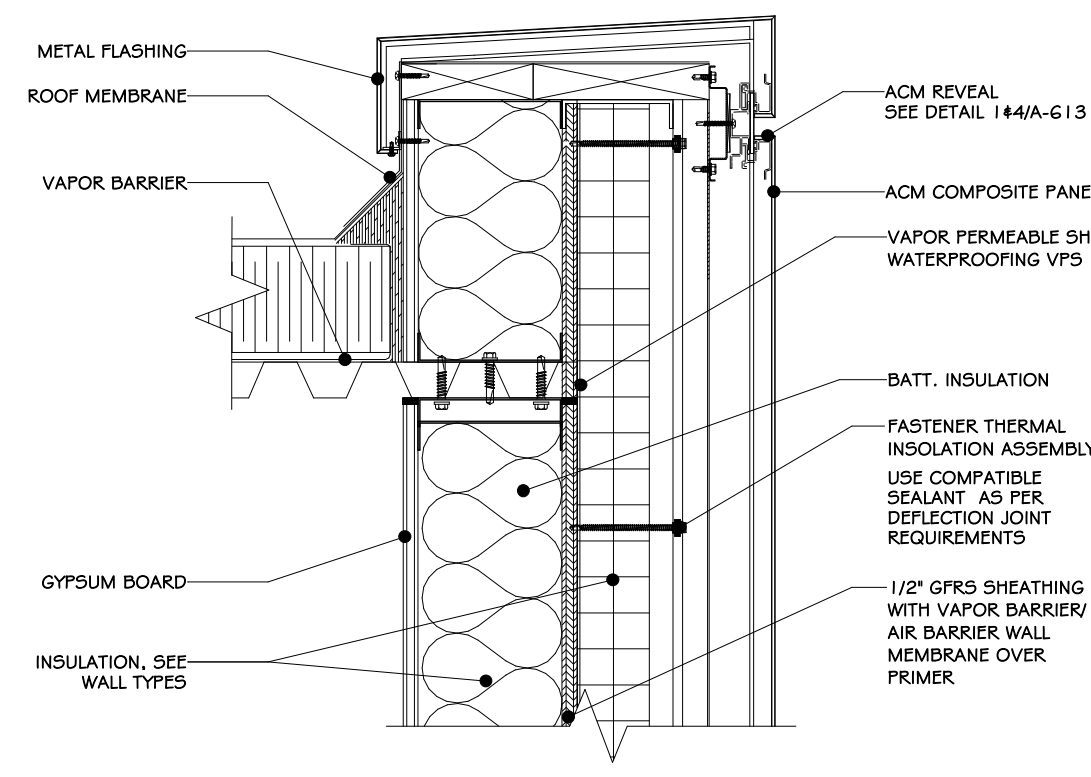
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Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-601

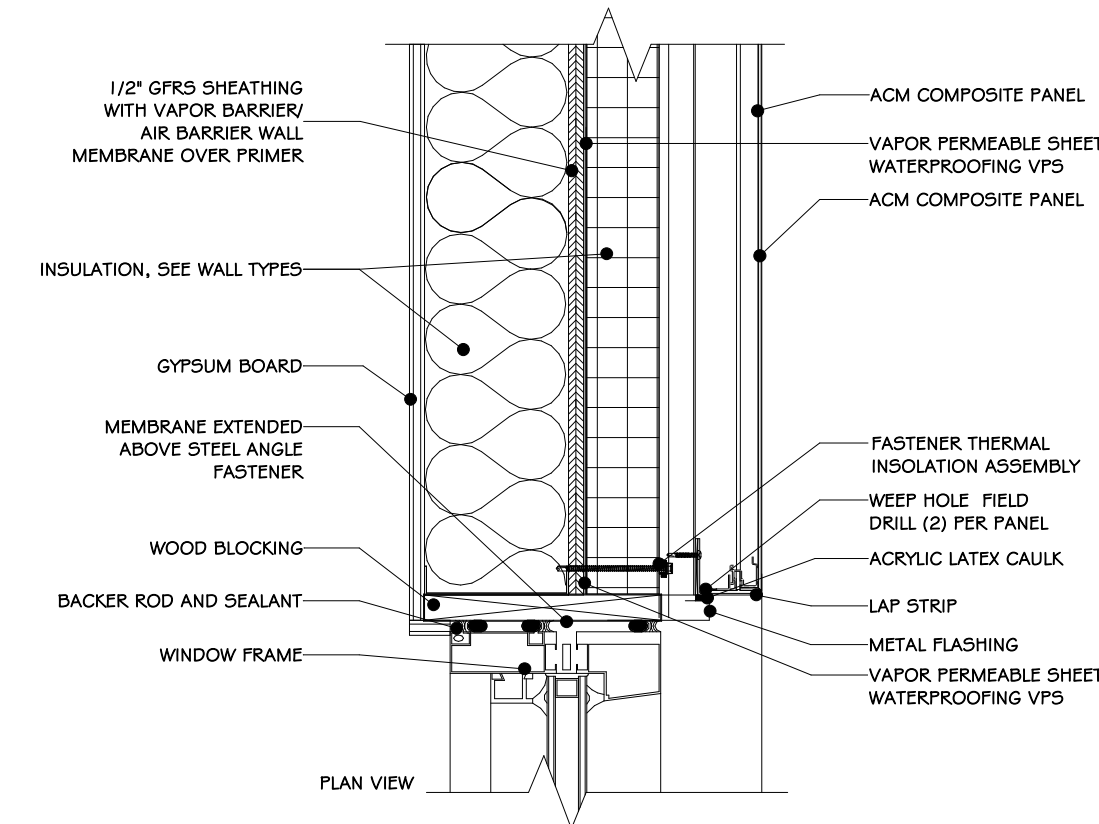




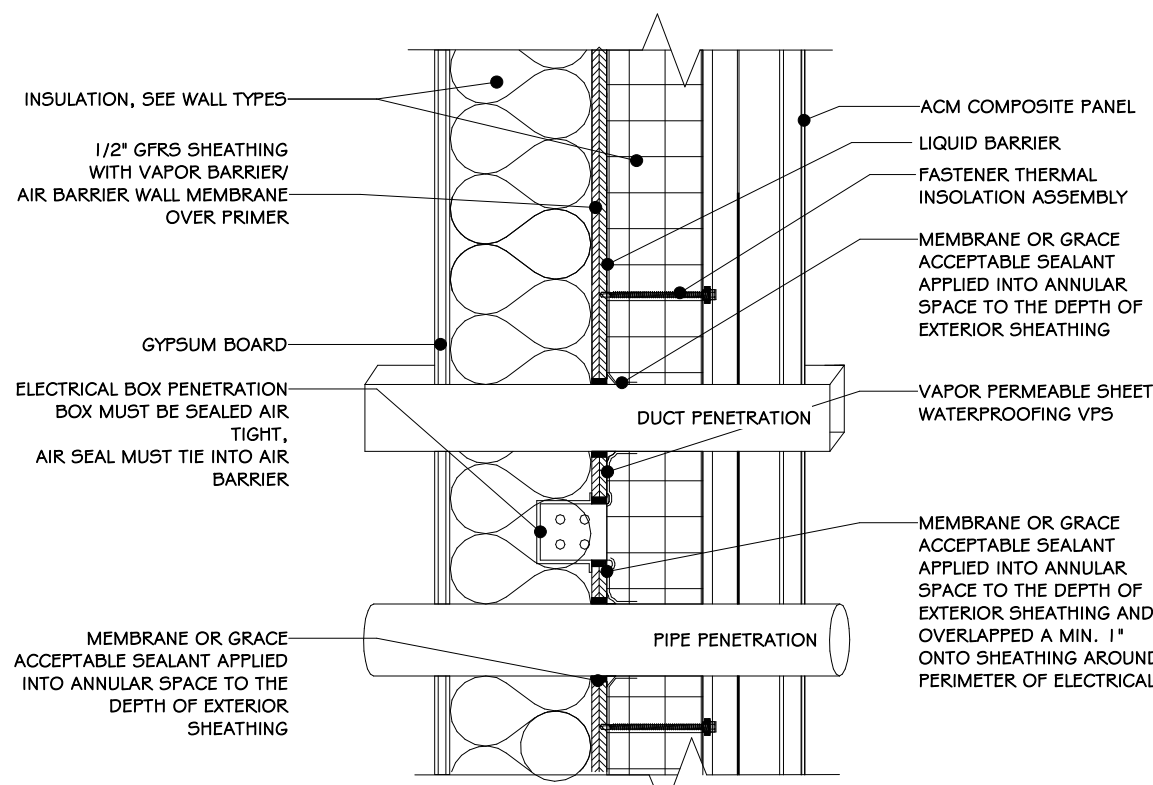
ROOF EDGE DETAILS



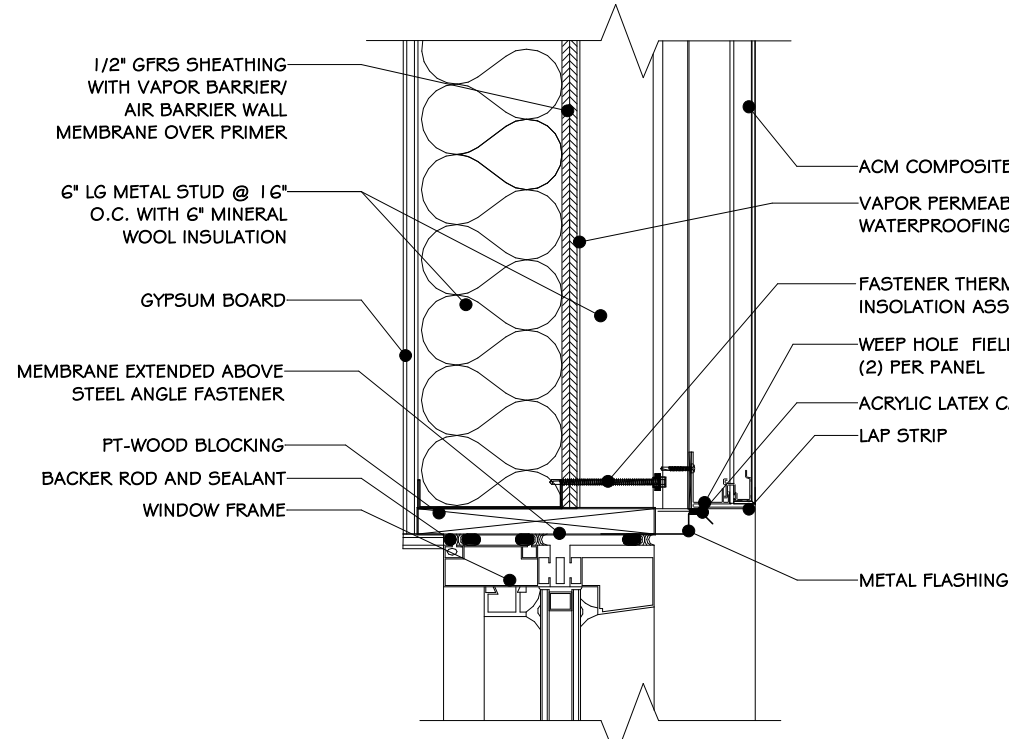
PARAPET DETAILS



WINDOW JAMB DETAILS

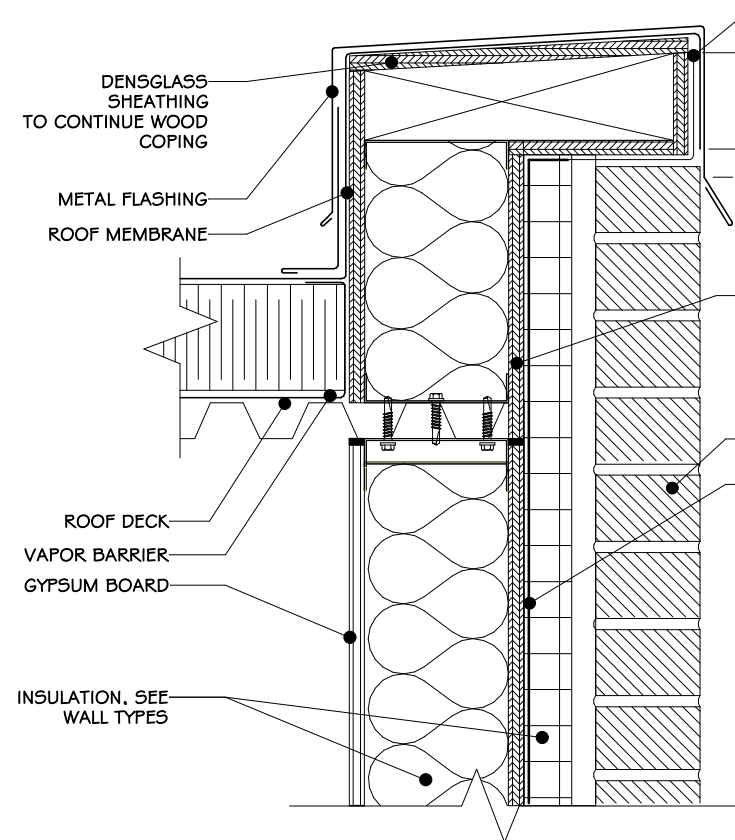


PENETRATION DETAILS

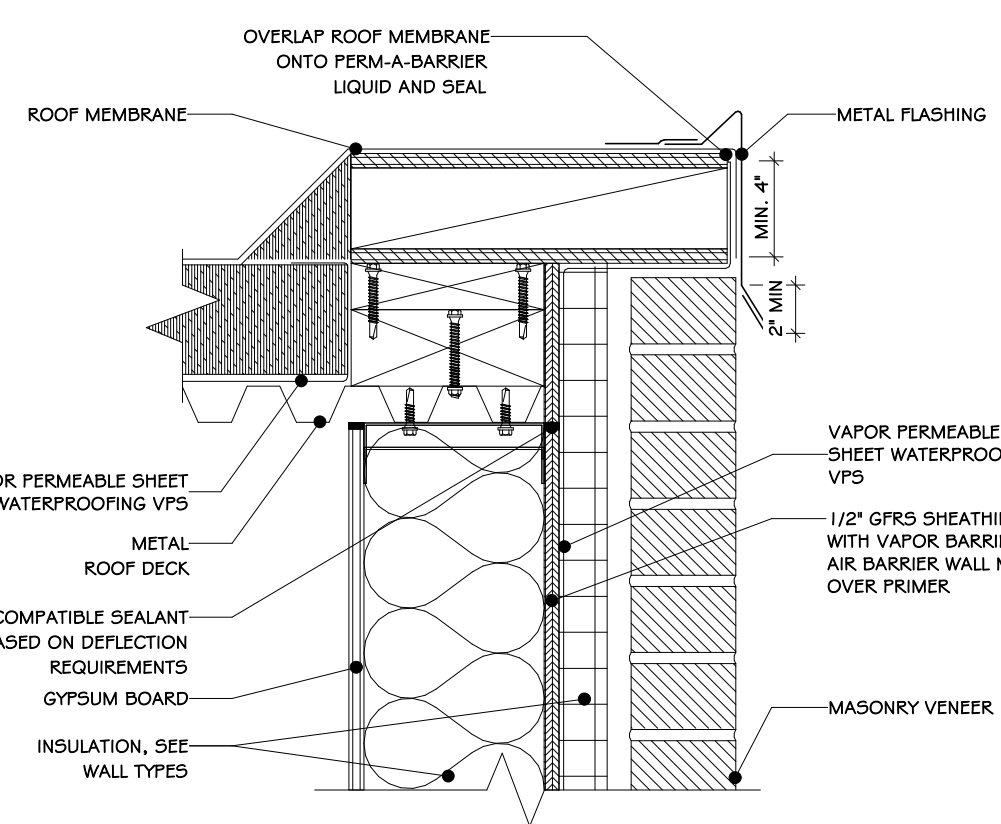


WINDOW HEAD DETAILS

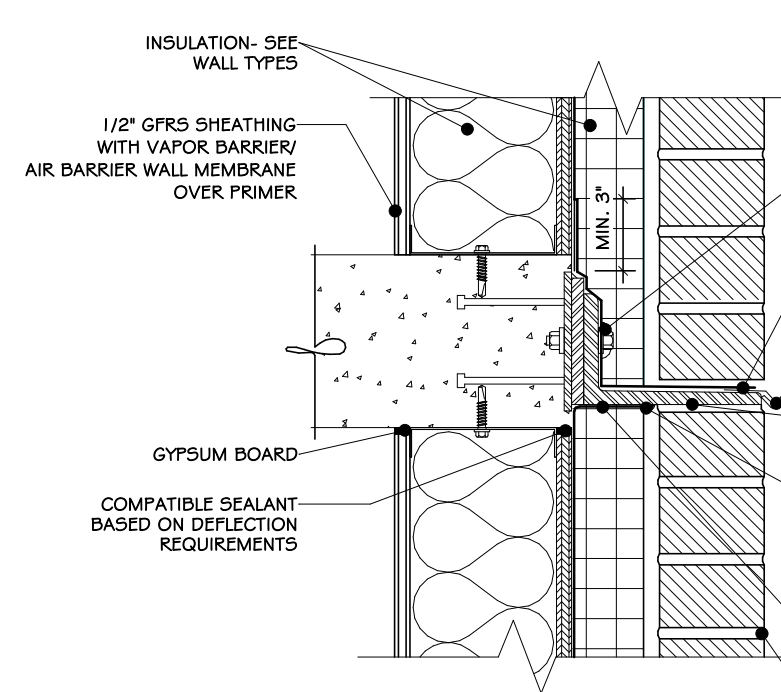
1 ACM MOISTURE BARRIER & AIR ENVELOPE LOCATION APPLICATION DETAILS  
1 1/2" = 1'-0"



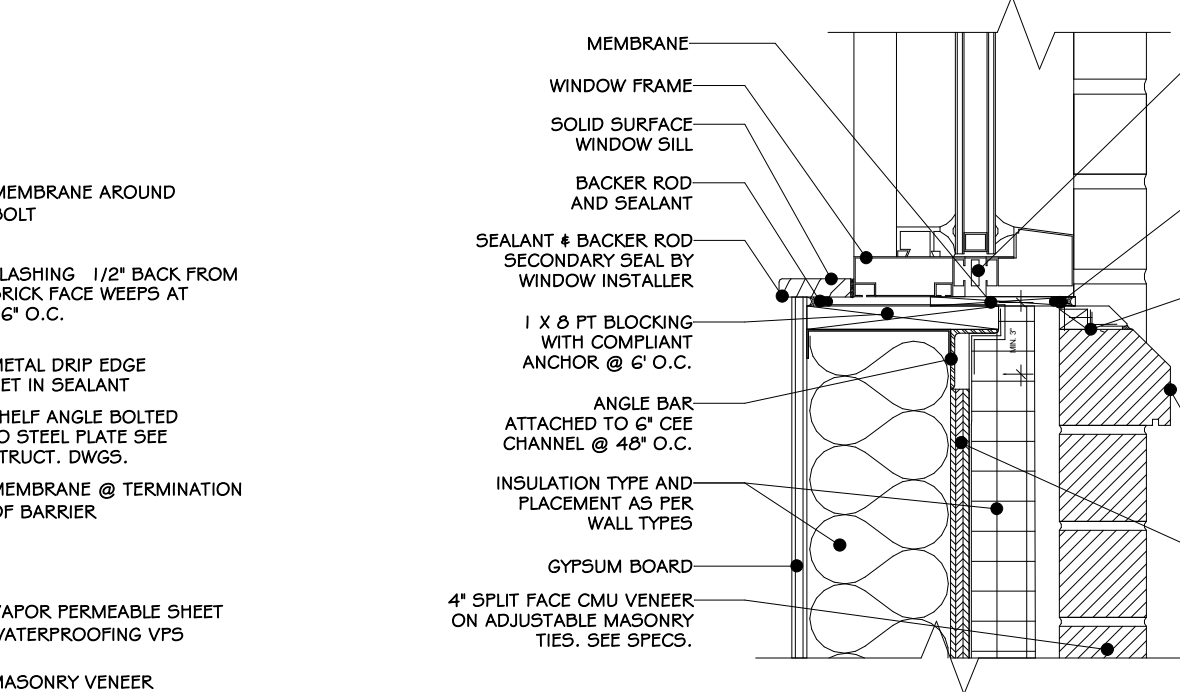
PARAPET DETAILS



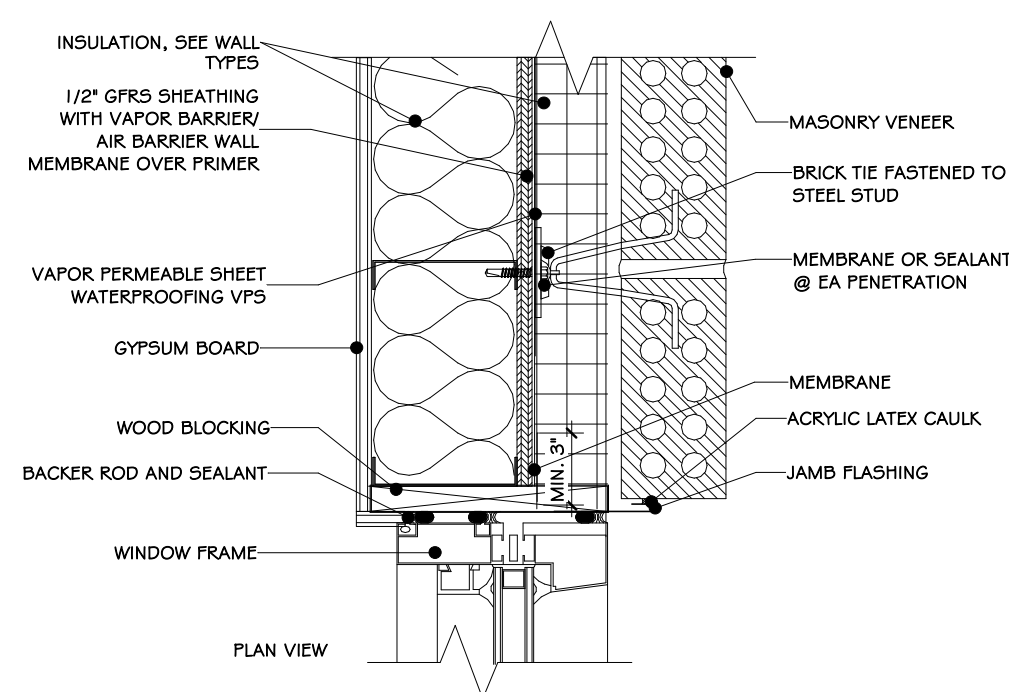
ROOF EDGE DETAILS



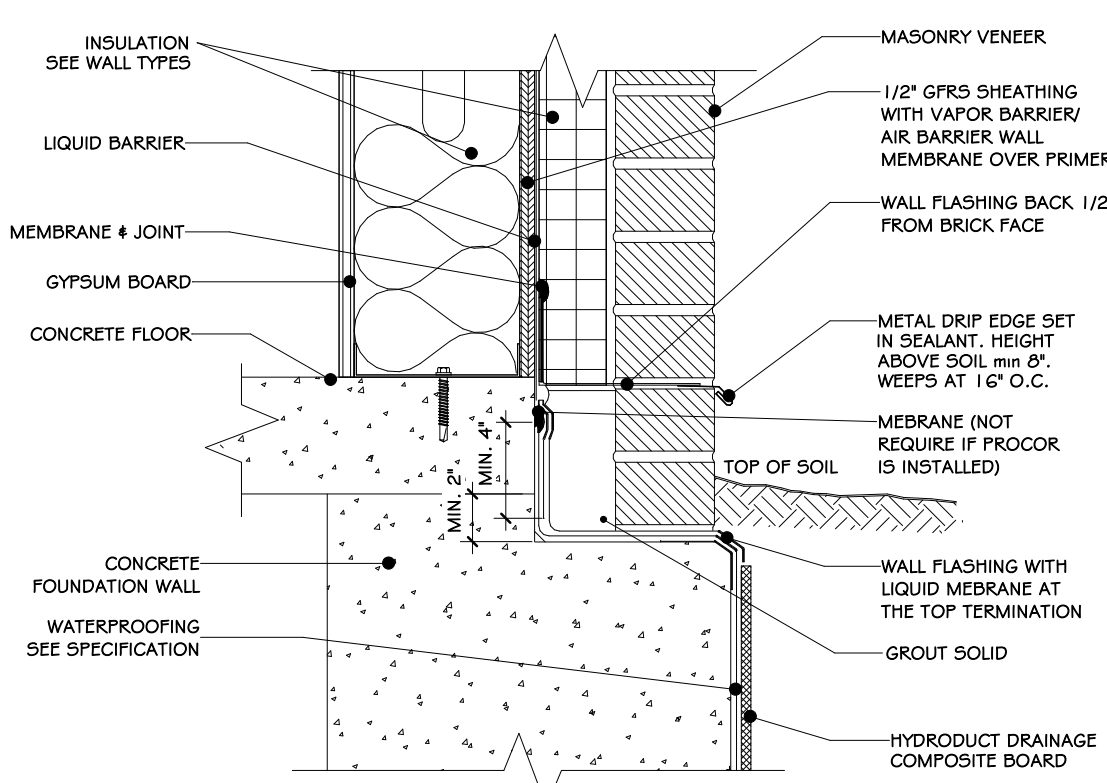
SHELF ANGLE DETAILS



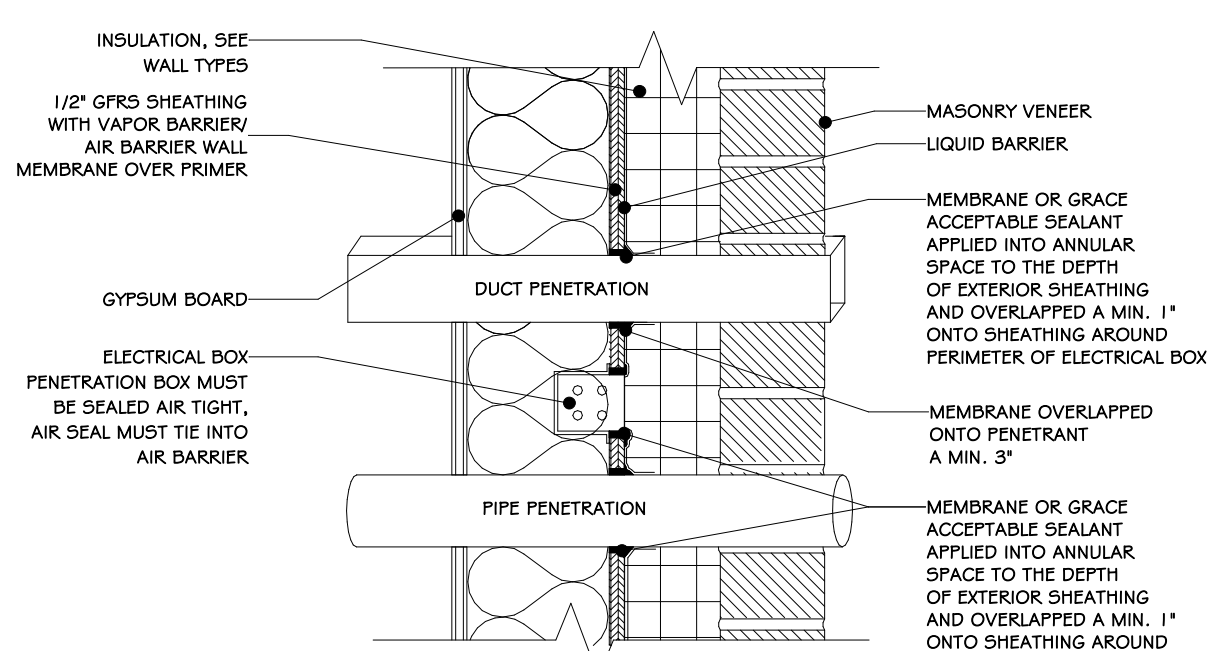
WINDOW SILL DETAILS



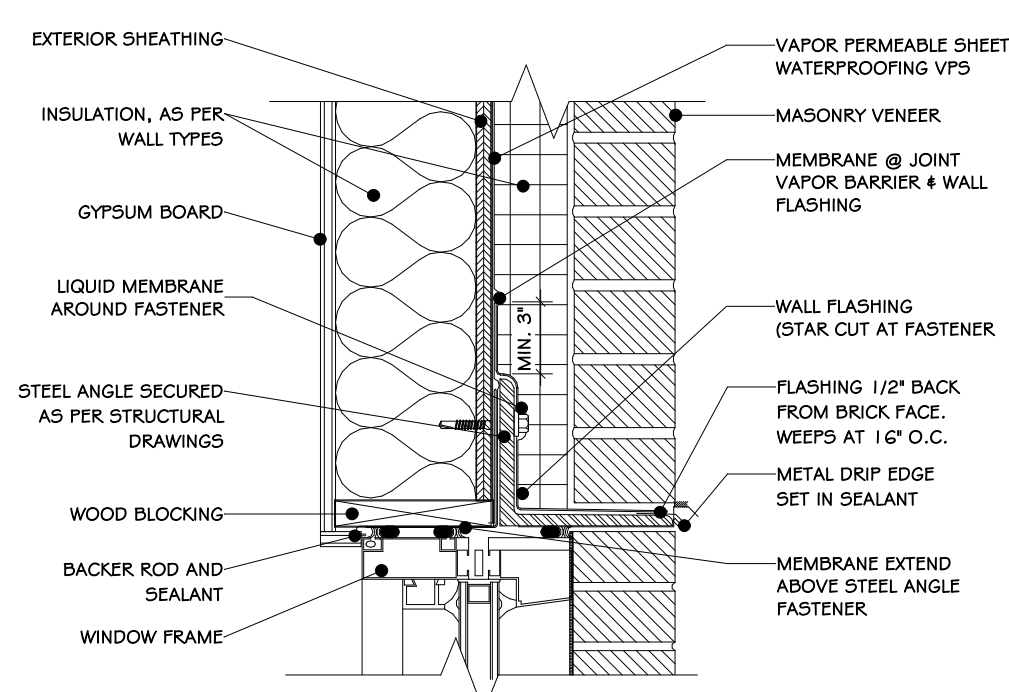
WINDOW JAMB DETAILS



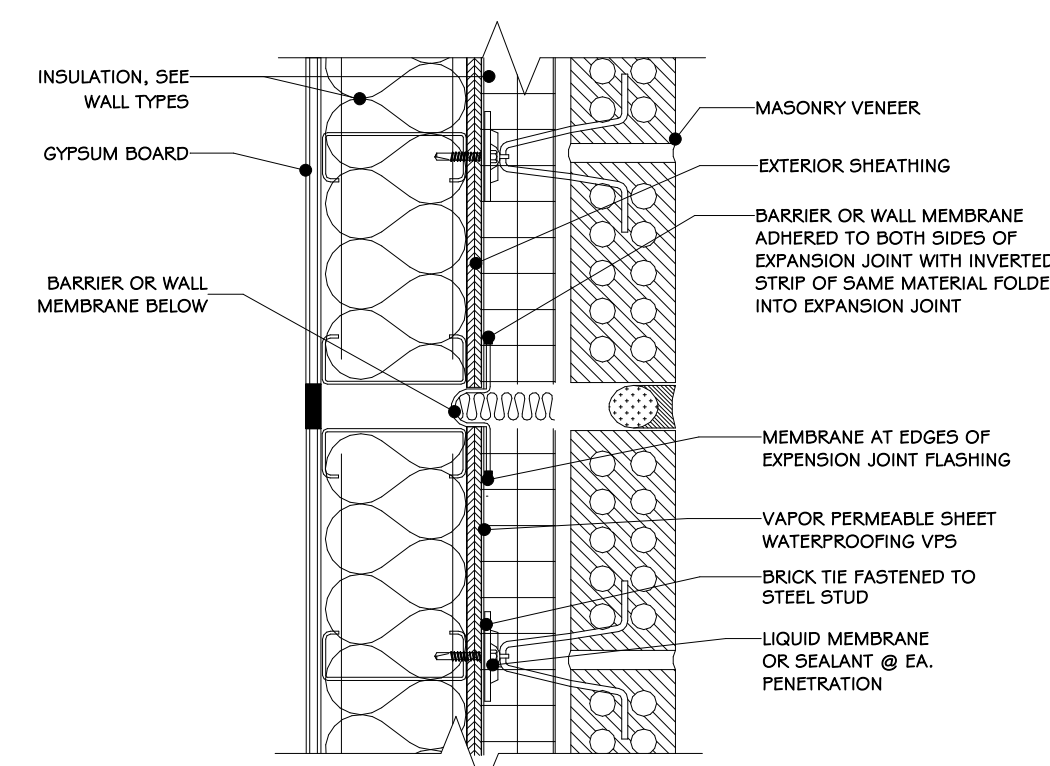
FOUNDATION DETAILS



PENETRATION DETAILS



WINDOW HEAD DETAILS



EXPANSION JOINT DETAILS

2 MASONRY MOISTURE & AIR BARRIER ENVELOPE LOCATION APPLICATION DETAILS  
1 1/2" = 1'-0"

NOTE:  
1. DETAILS ARE TYPICAL FOR MOISTURE BARRIER APPLICATION ONLY.

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REVISIONS:

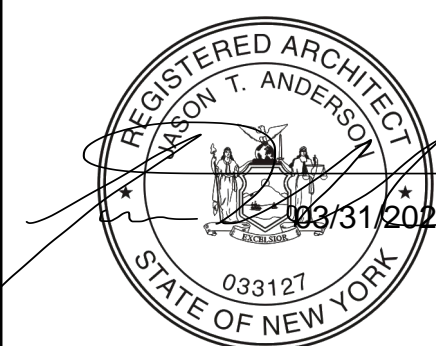
NUM.	DATE	DESCRIPTION

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Drawing: MOISTURE BARRIER DETAILS



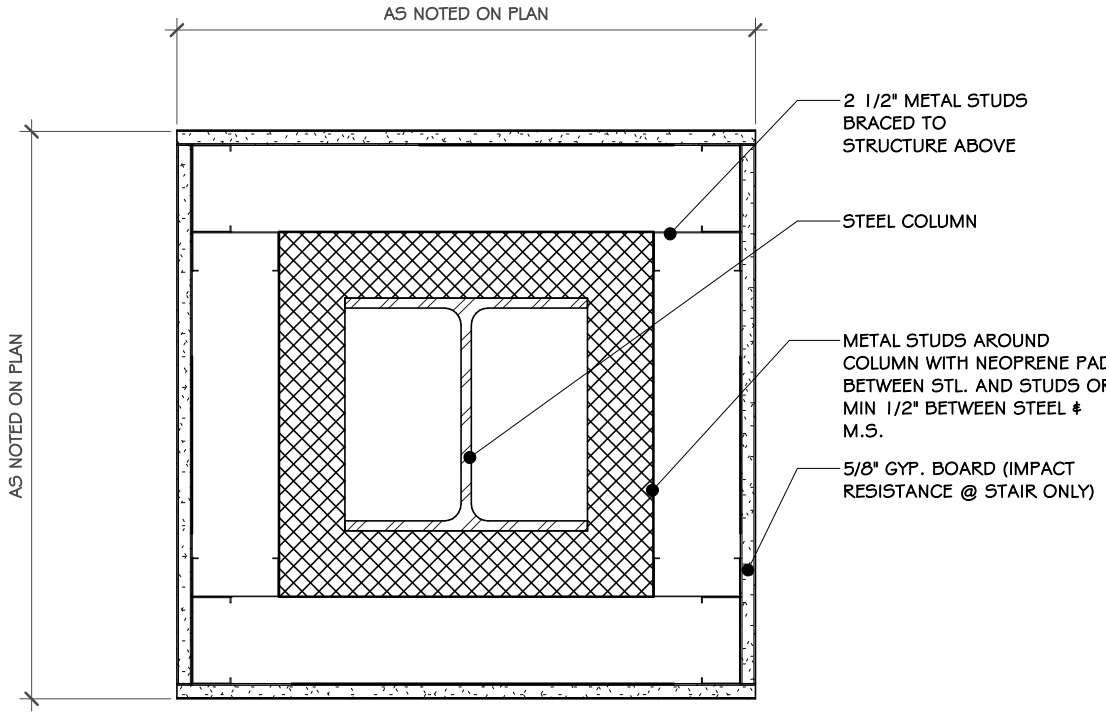
Project: 23138 Date: 02/24/25

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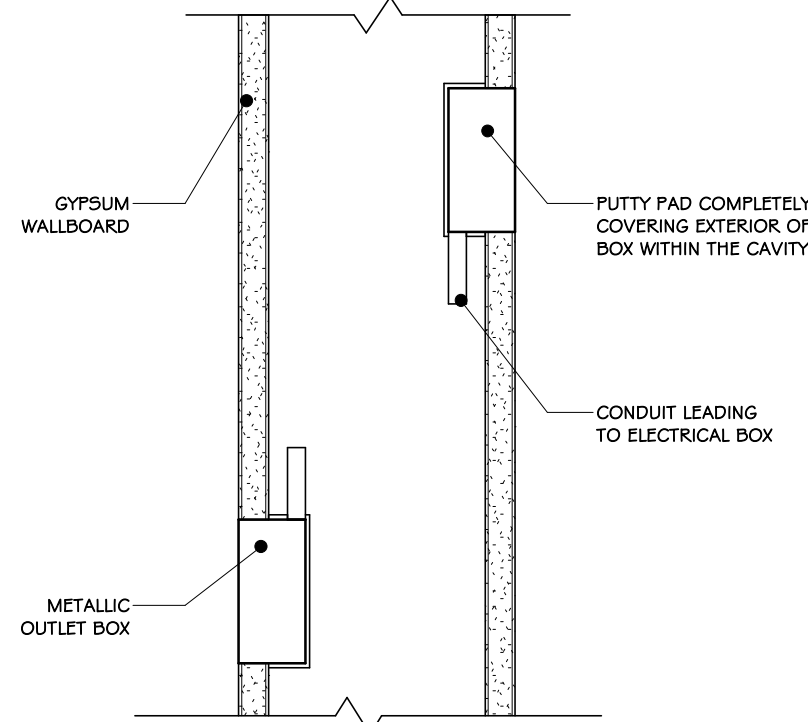
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A-602

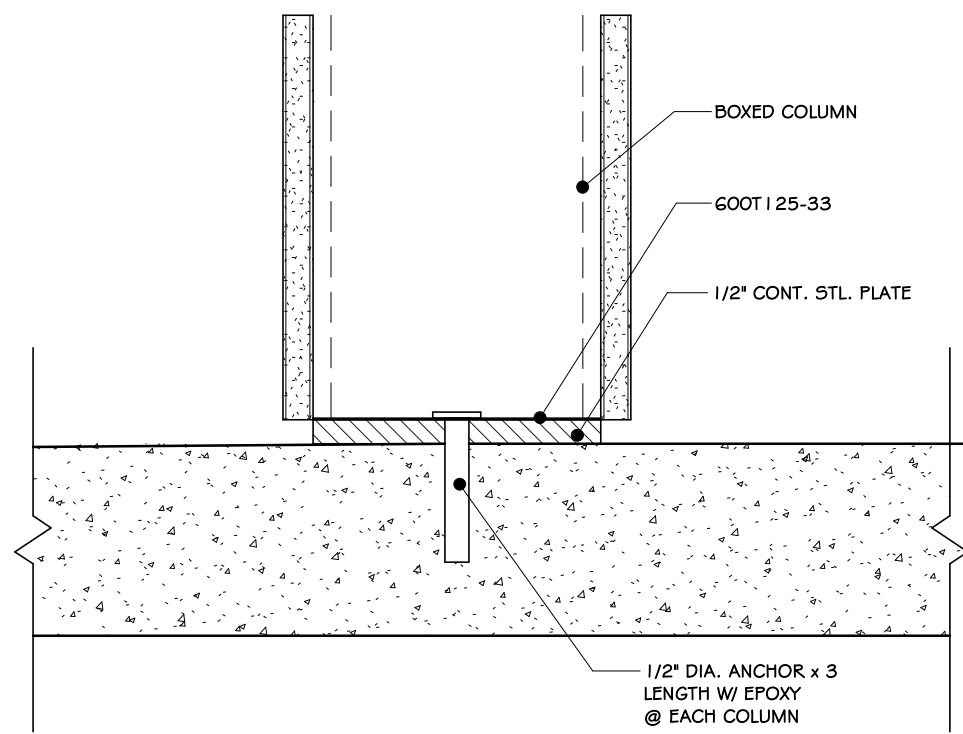




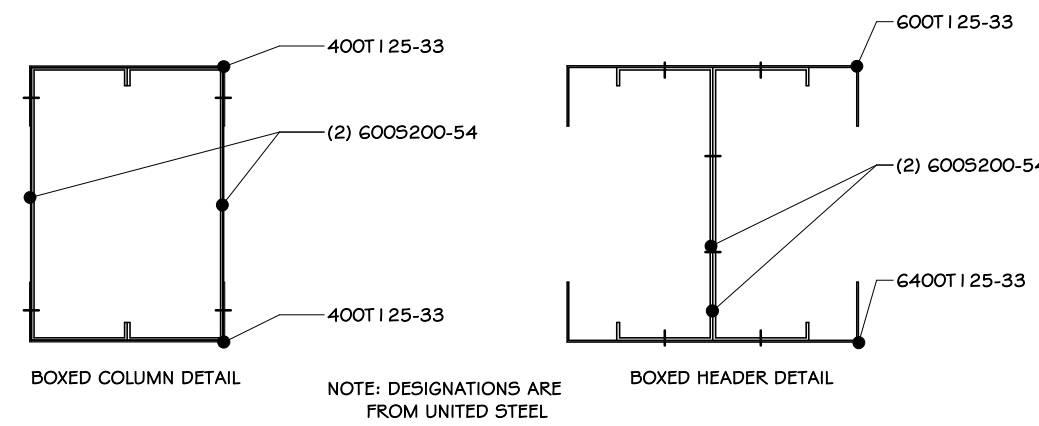
1 GYPSUM BOARD COLUMN COVER  
1 1/2" = 1'-0"



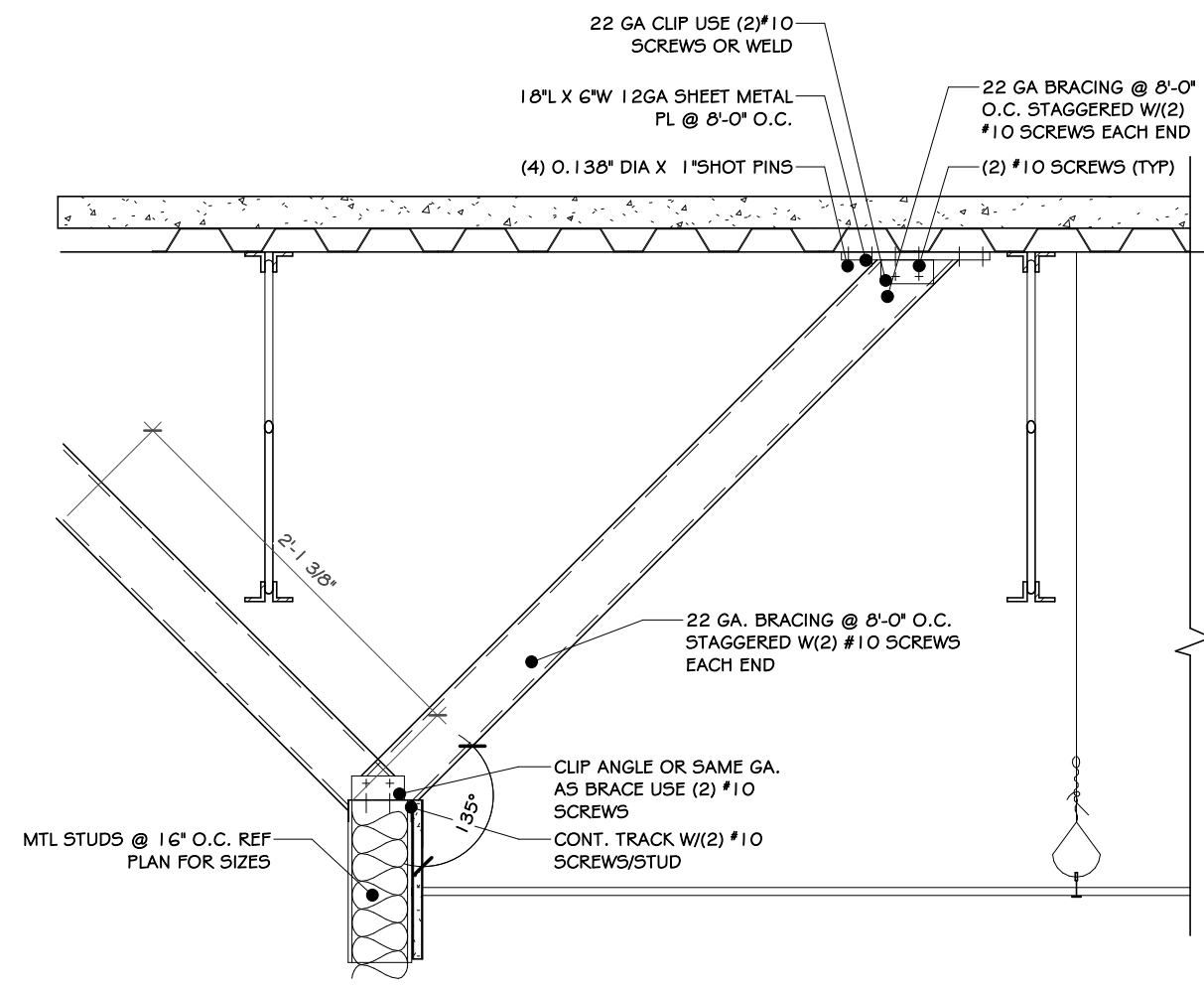
2 ELECTRICAL BOXES-GYPSUM WALL BD.  
3" = 1'-0"



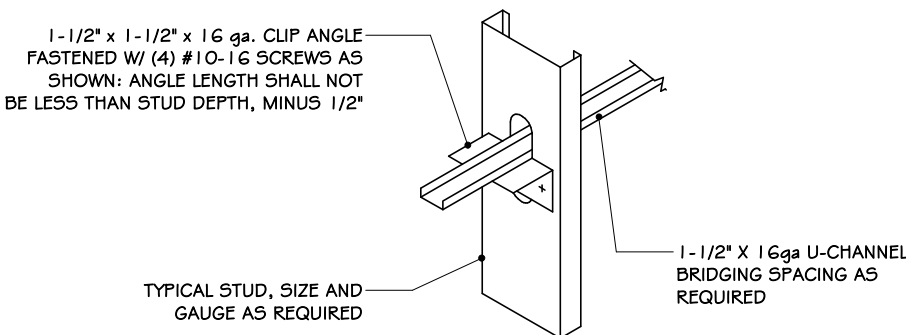
3 SECTION @ BOX COLUMN BASE DETAIL  
3" = 1'-0"



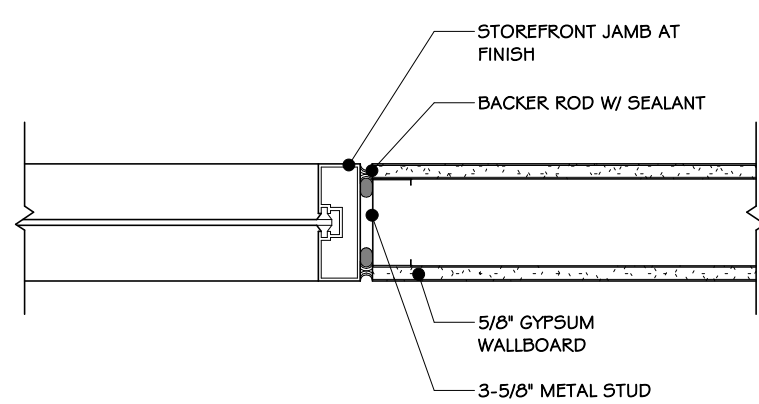
4 BOX BEAM DETAIL  
3" = 1'-0"



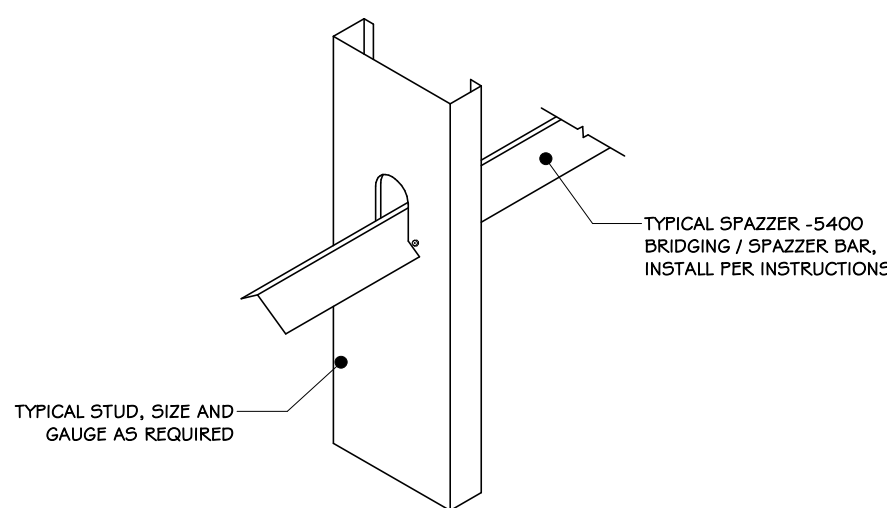
5 WALL CONNECTION DETAIL  
1" = 1'-0"



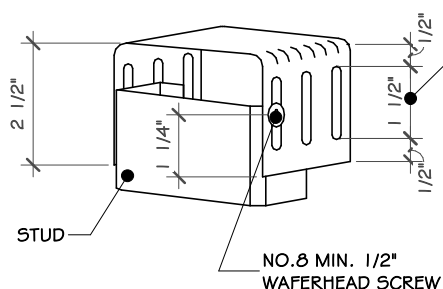
6 U-CHANNEL CLIP DETAIL  
1/2" = 1'-0"



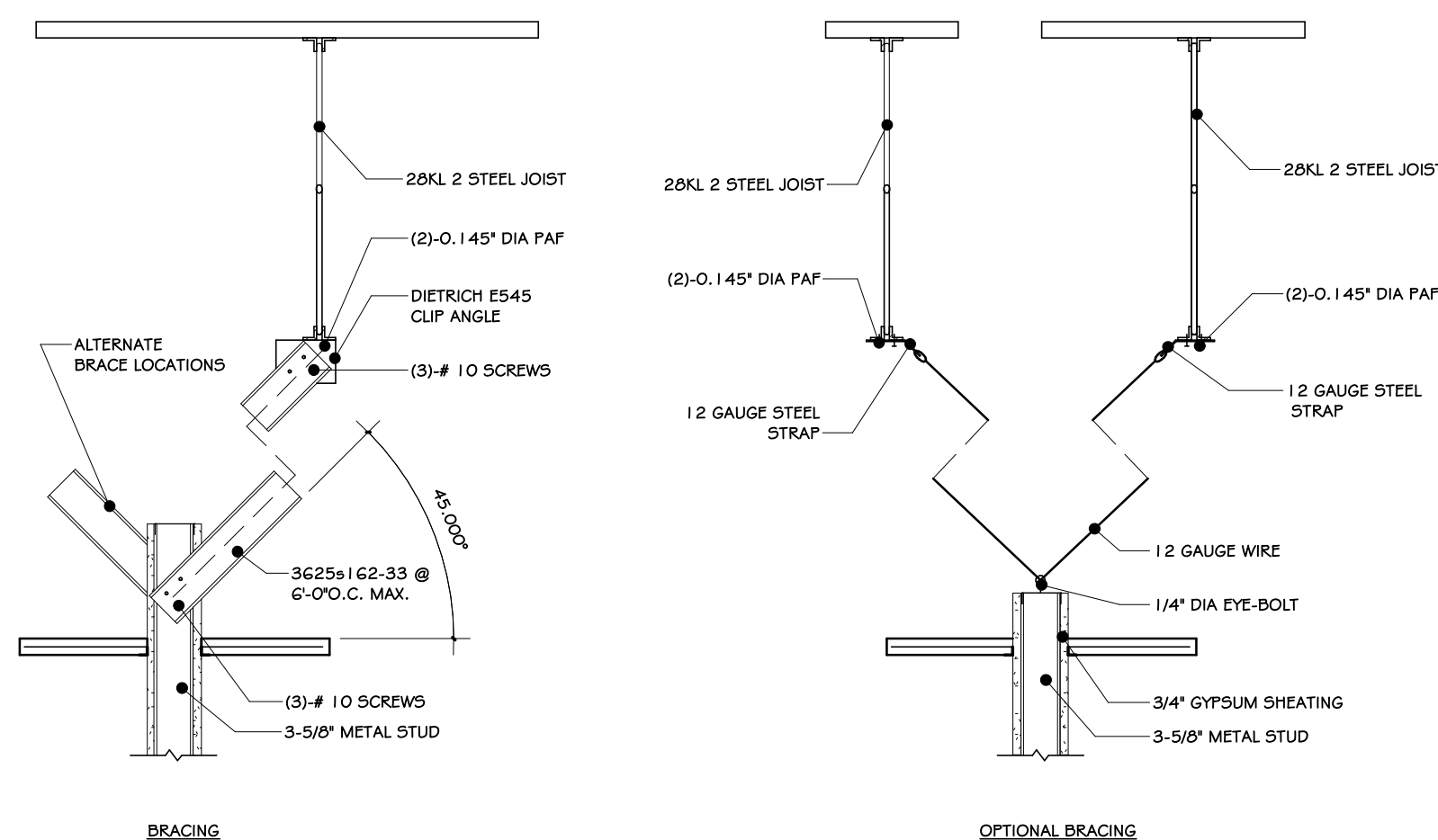
7 WALL TO STOREFRONT FLUSH DETAIL  
1 1/2" = 1'-0"



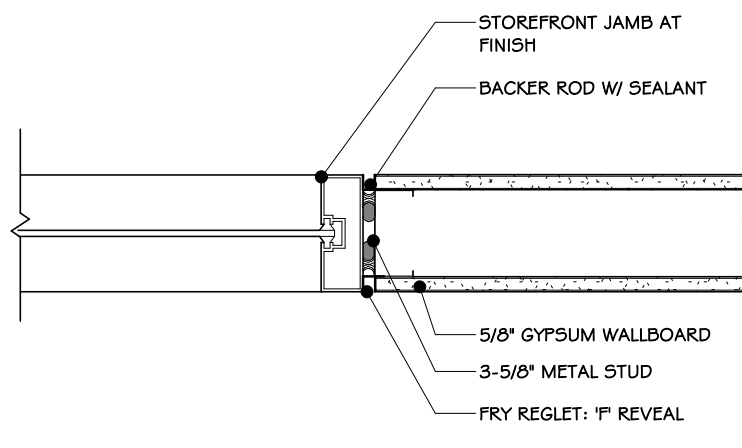
8 STIFFENER DETAIL  
3/4" = 1'-0"



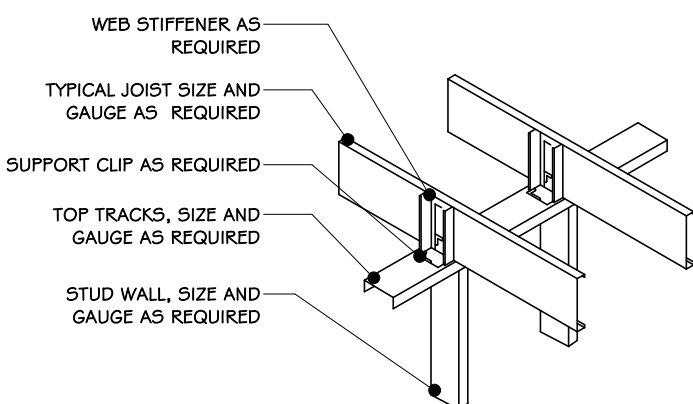
9 SLIP TRACK DETAIL  
3" = 1'-0"



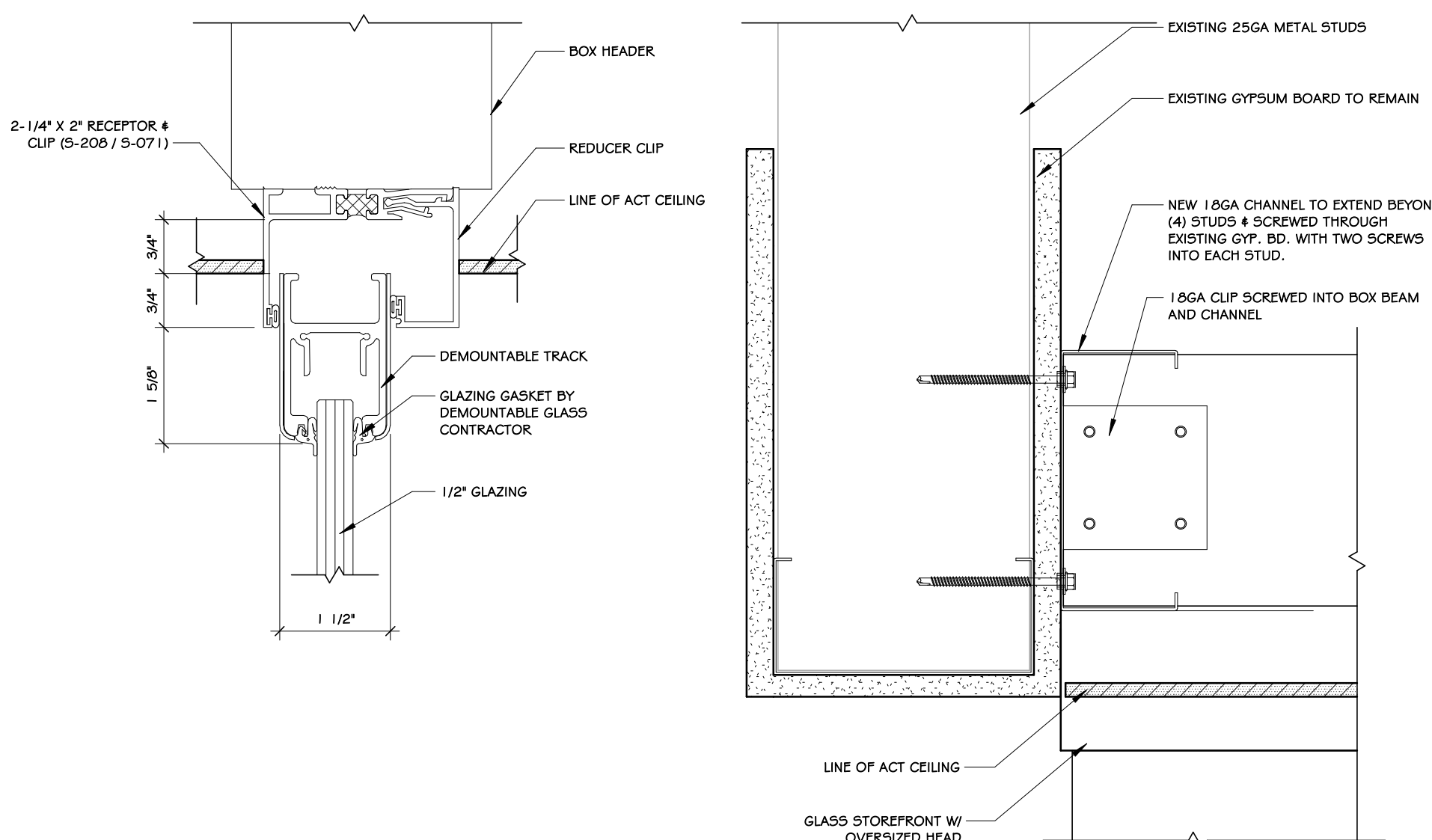
10 WALL BRACING AT LAY-IN ACT.  
3/4" = 1'-0"



11 WALL TO STOREFRONT "F" REVEAL  
1 1/2" = 1'-0"

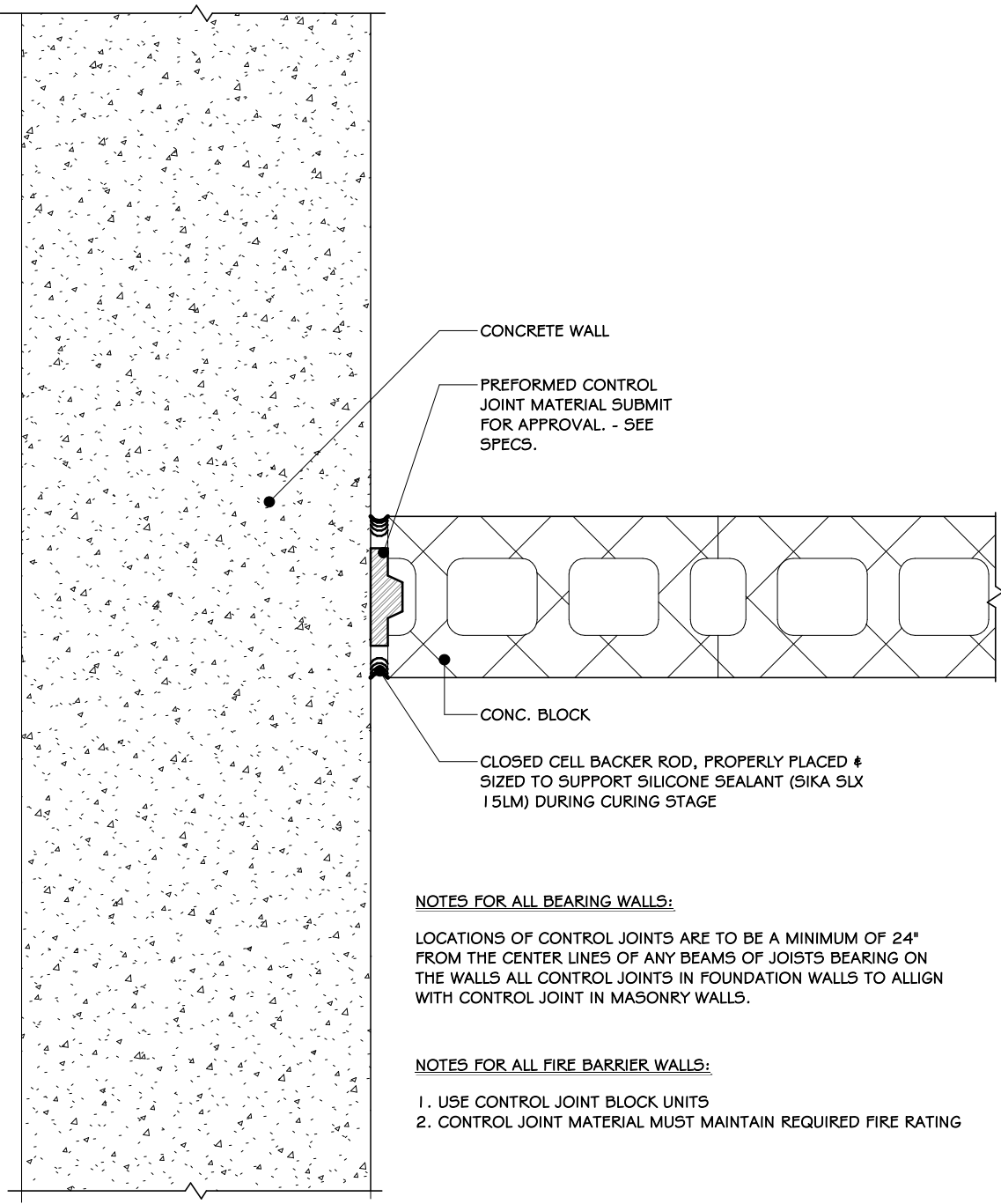


12 WEB STIFFENER DETAIL  
1/2" = 1'-0"

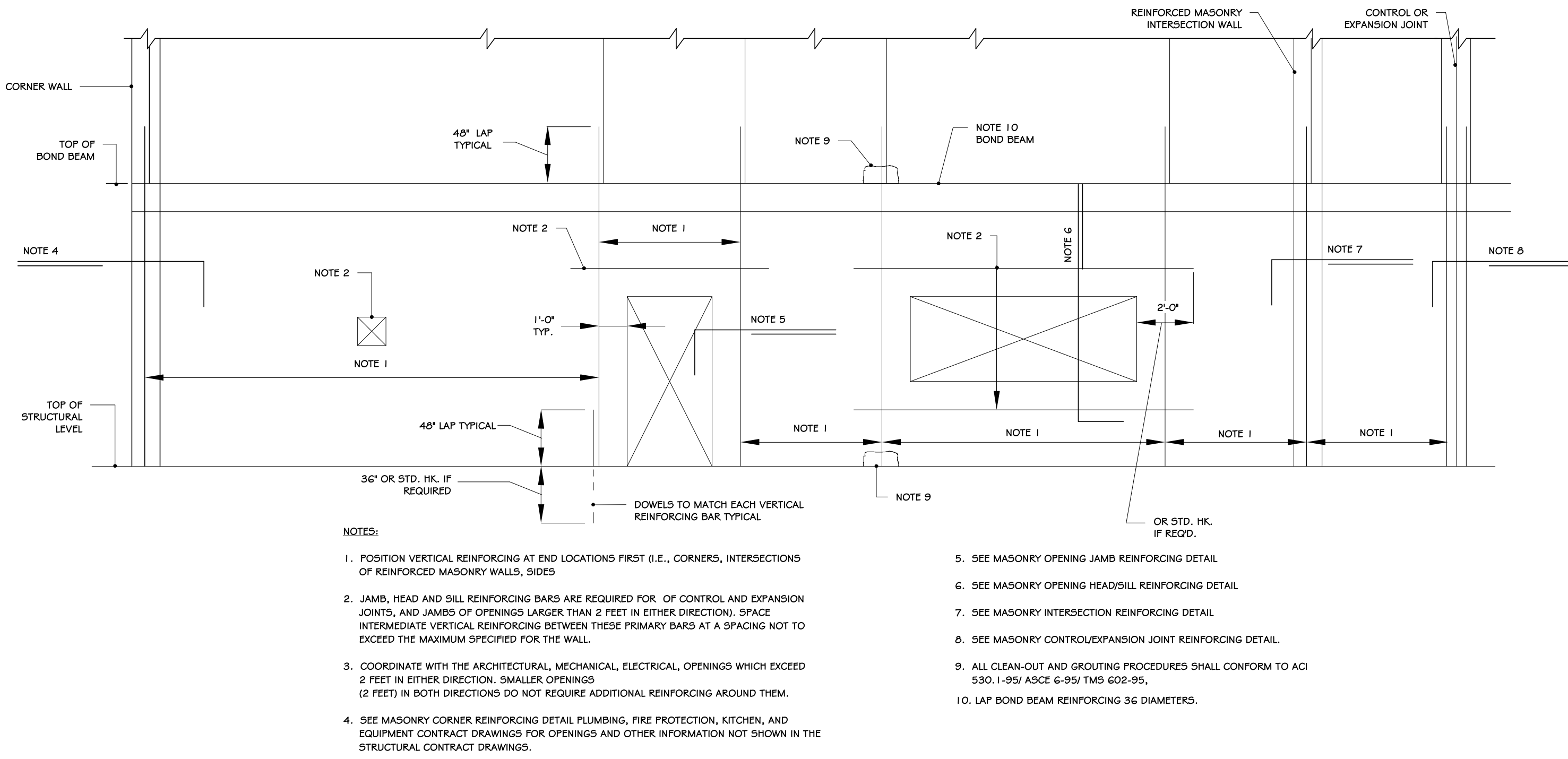


13 STOREFRONT RECEIVER CHANNEL  
6" = 1'-0"

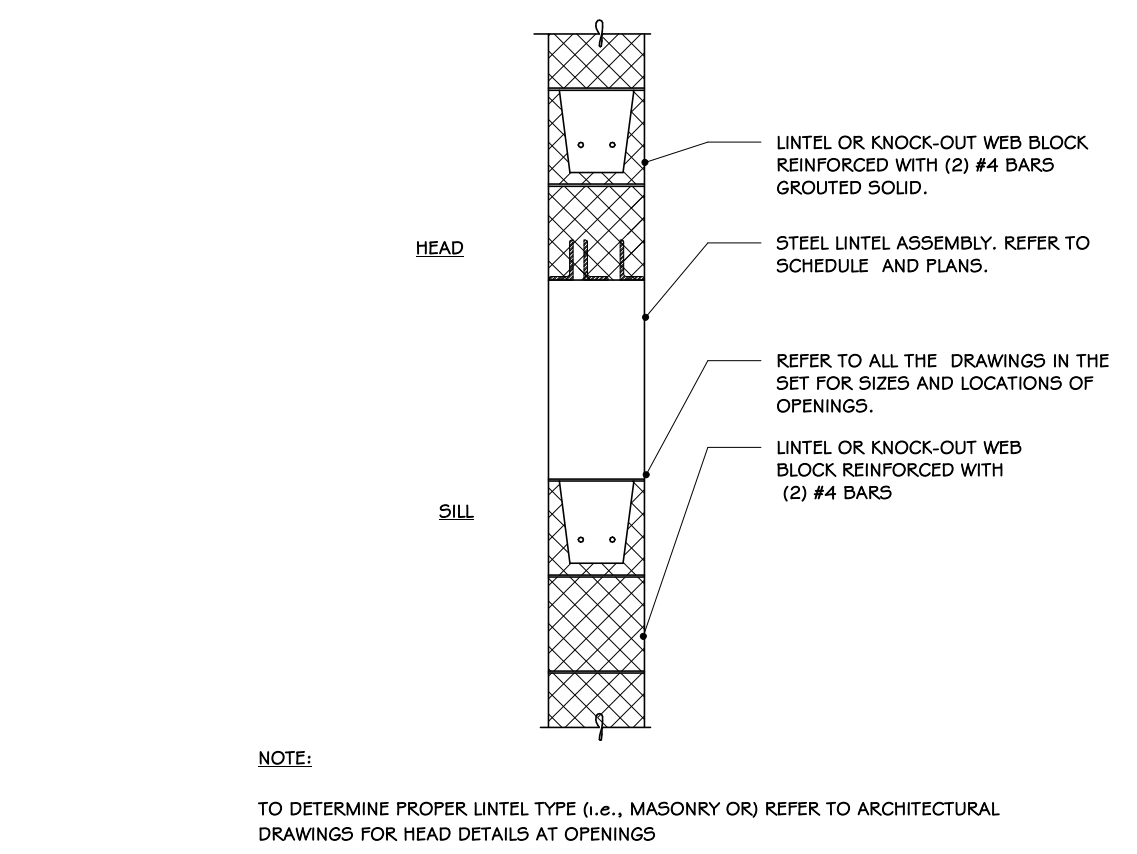




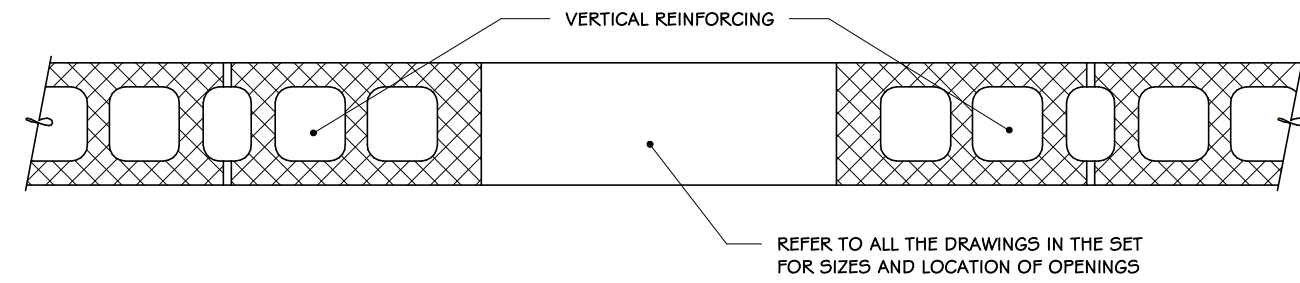
1 CONCRETE-CMU TRANSITION  
1 1/2" = 1'-0"



4 REBAR  
1/4" = 1'-0"

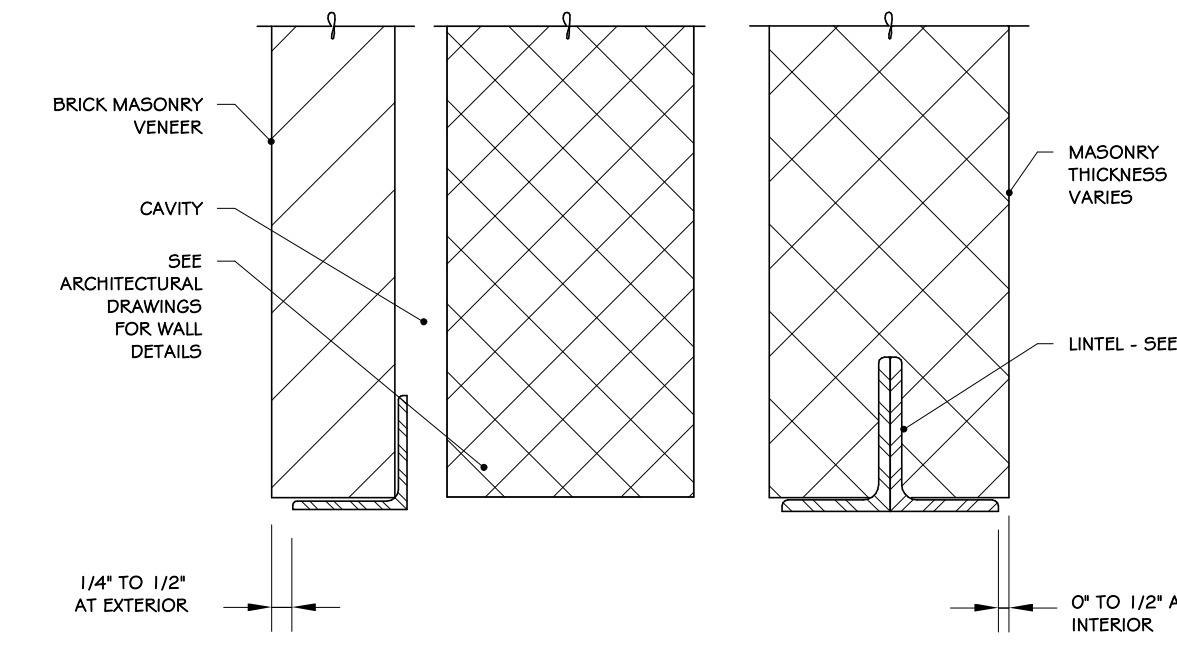


7 DETAIL - MASONRY OPENING REINFORCEMENT  
3/4" = 1'-0"

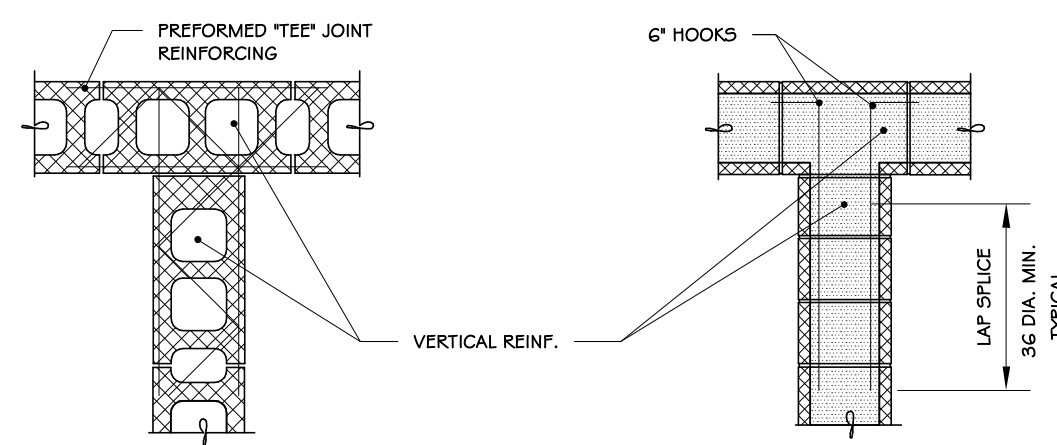


- NOTES:
1. GROUT FIRST FULL BLOCK SOLID TO UNDERSIDE OF LINTEL ABOVE.
  2. INSTALL VERTICAL REINFORCING IN END CELL AWAY FROM OPENING TO AVOID INTERUPTION WHEN STEEL LINTELS ARE SPECIFIED.
  3. VERTICAL REINFORCING TO EXTEND CONTINUOUSLY THROUGH BOND BEAMS. LAP VERTICALS 48 DIAMETERS ABOVE BOND BEAMS.

8 DETAIL - MASONRY OPENING  
3/4" = 1'-0"

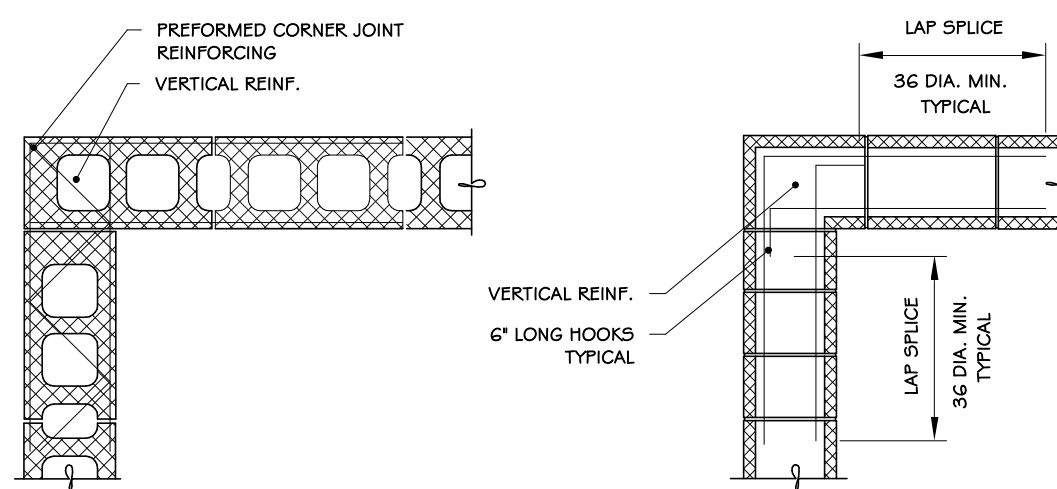


9 DETAIL - MASONRY OPENING HEAD & SILL  
3/4" = 1'-0"



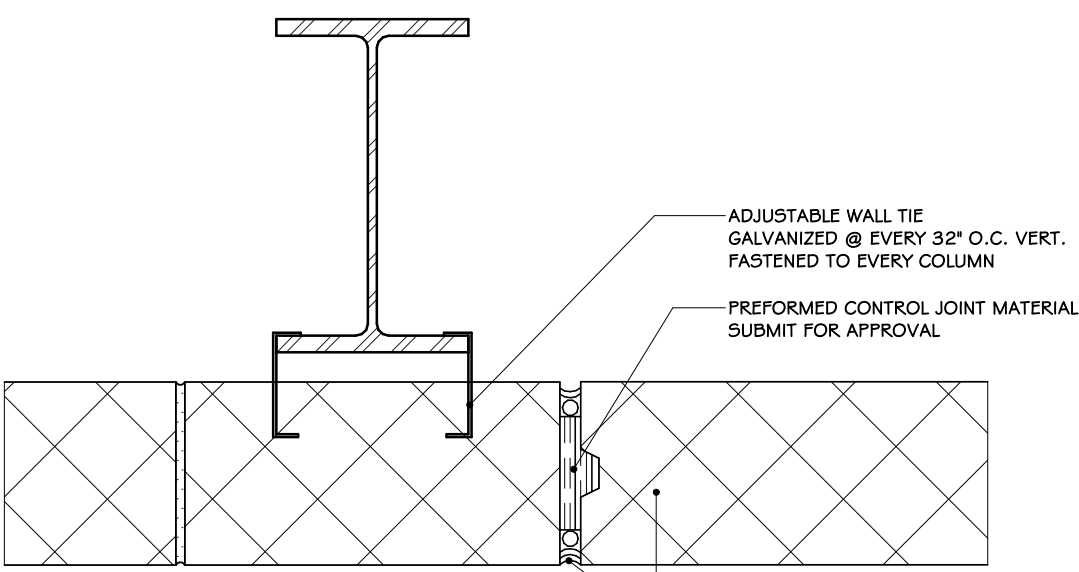
- NOTES:
1. SIZE OF INTERSECTION BARS TO MATCH BOND BEAM REINFORCING.
  2. NORMAL JOINT AND BOND BEAM REINFORCING NOT SHOWN FOR CLARITY.
  3. VERTICAL REINFORCING TO EXTEND CONTINUOUSLY THROUGH BOND BEAMS. LAP VERTICALS 48 DIAMETERS ABOVE BOND BEAMS.

10 DETAIL - MASONRY INTERSECTION  
3/4" = 1'-0"



- NOTES:
1. SIZE OF CORNER BARS TO MATCH BOND BEAM REINFORCING.
  2. NORMAL JOINT AND BOND BEAM REINFORCING NOT SHOWN FOR CLARITY.
  3. VERTICAL REINFORCING TO EXTEND CONTINUOUSLY THROUGH BOND BEAMS. LAP VERTICALS 48 DIAMETERS ABOVE BOND BEAMS.

11 DETAIL - MASONRY CORNER REINFORCING  
3/4" = 1'-0"

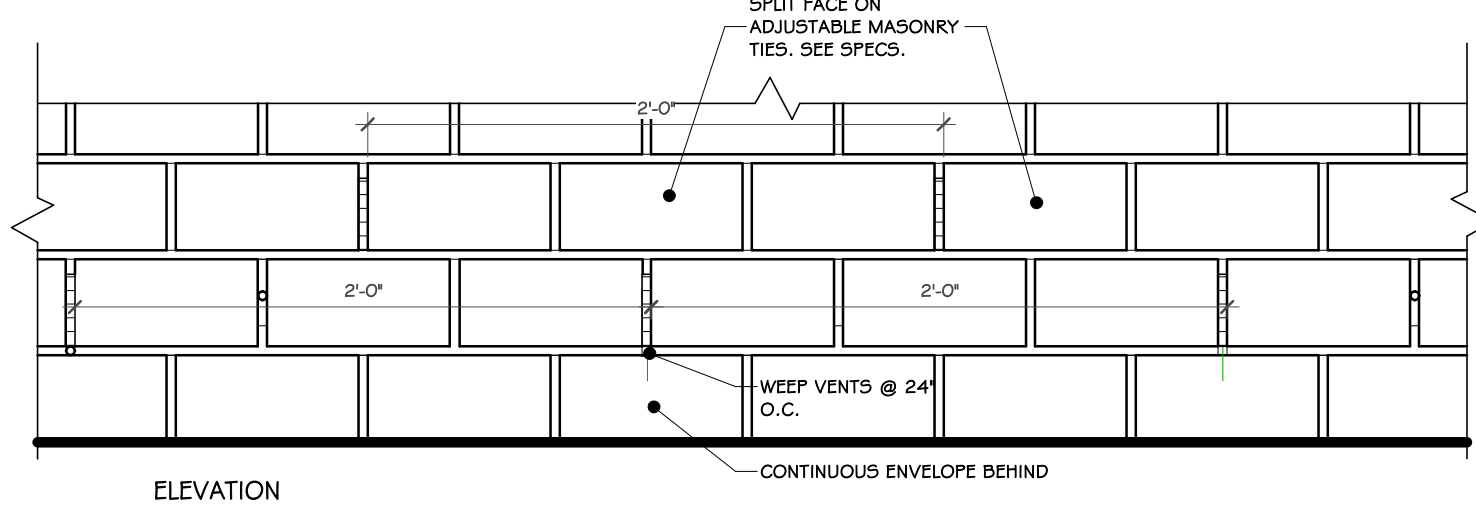


2 BLOCK CONTROL JOINT DETAIL, TYP.  
1 1/2" = 1'-0"

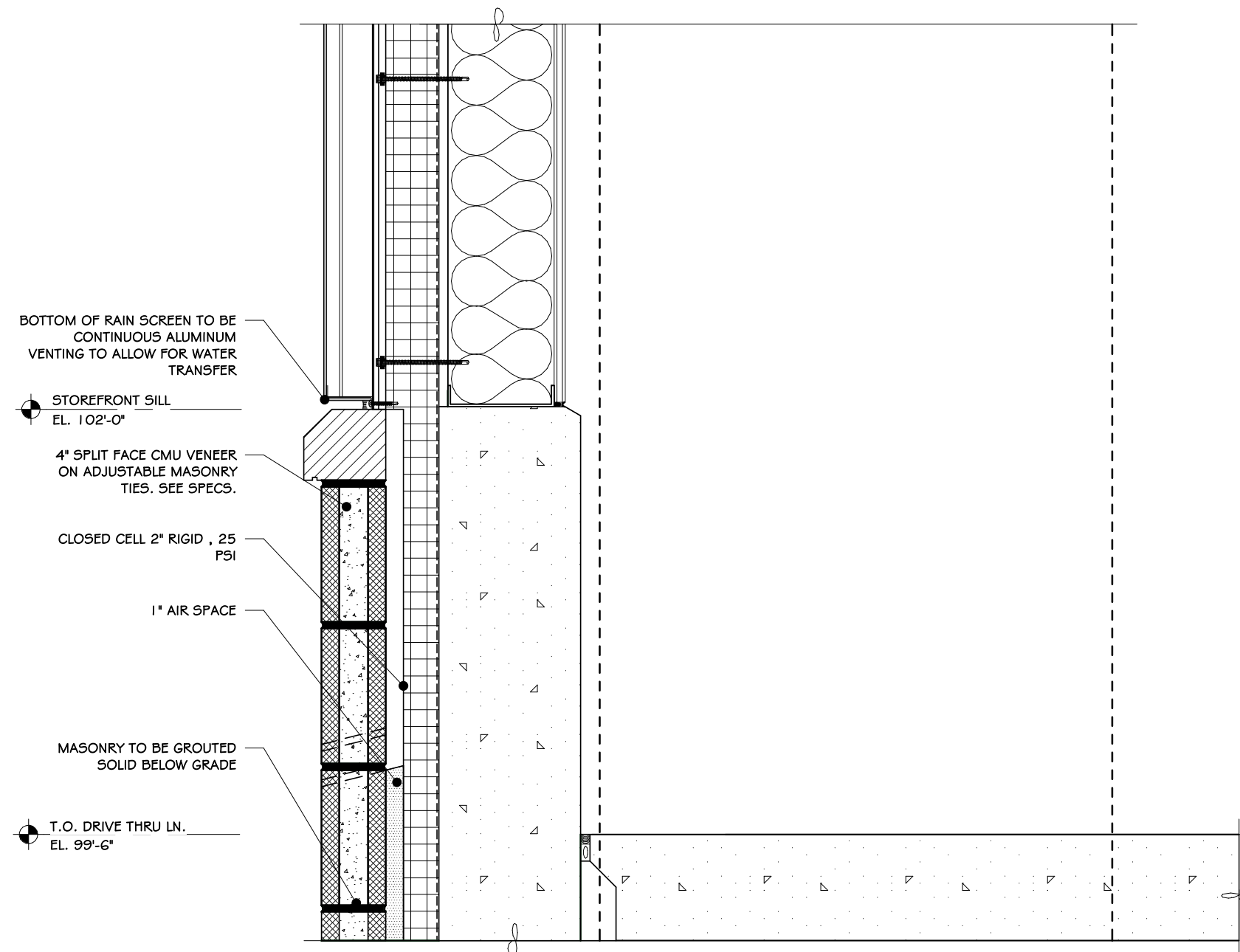
STEEL LINTEL SCHEDULE																	
4" MASONRY			6" MASONRY			8" MASONRY			10" MASONRY			12" MASONRY					
OPNG WIDTH	LINTEL LENGTH	#	SIZE			#	SIZE			#	SIZE			#	SIZE		
3'-0"	4'-0"	1	13-1/2x3-1/2x3/8	1	15x5/8x3/8	2	13-1/2x3-1/2x3/8	2	14x4x3/8	3	14x3-1/2x3/8						
3'-4"	4'-4"	1	*	1	*	2	*	2	*	3	*						
3'-8"	4'-8"	1	*	1	*	2	*	2	*	3	*						
4'-0"	5'-0"	1	*	1	*	2	*	2	*	3	*						
4'-4"	5'-4"	1	*	1	*	2	*	2	*	3	*						
4'-8"	5'-8"	1	*	1	*	2	*	2	*	3	*						
5'-0"	6'-0"	1	14x3-1/2x1/2	1	*	2	14x3-1/2x1/2	2	*	3	15x3-1/2x1/2						
5'-4"	6'-4"	1	*	1	*	2	*	2	*	3	*						
5'-8"	6'-8"	1	*	1	*	2	*	2	*	3	*						
6'-0"	7'-0"	1	*	1	*	2	*	2	*	3	*						
6'-4"	7'-4"	1	*	1	*	2	*	2	*	3	*						
6'-8"	7'-8"	1	*	1	*	2	*	2	*	3	*						
7'-0"	8'-0"	1	15x3-1/2x5/8	1	16x4x5/8	2	15x3-1/2x5/8	2	16x4x5/8	3	16x3-1/2x5/8						
7'-4"	8'-4"	1	*	1	*	2	*	2	*	3	*						
7'-8"	8'-8"	1	*	1	*	2	*	2	*	3	*						
8'-0"	9'-0"	1	*	1	*	2	*	2	*	3	*						

- NOTES:
1. FIRST DIMENSION OF ANGLE DENOTES THE VERTICAL LEG.
  2. PROVIDE EQUAL LENGTH OF BEARING AT EACH END OF LINTEL.
  3. GROUT FOLLOW CORNER BOND WITH LINTEL BEARING SOLID FOR TWO (2) VERTICAL COURSES MINIMUM.
- NOTES:
1. PROVIDE AND INSTALL LINTEL ANGLES FOR MASONRY OPENINGS AND PENETRATIONS IN ACCORDANCE WITH THE SCHEDULE ABOVE. UNLESS ANOTHER TYPE/SIZE LINTEL IS SPECIFIED ON PLAN. INSTALL LONG LEGS VERTICAL. REFER TO ALL THE CONTRACT DRAWINGS TO DETERMINE THE SIZES AND LOCATIONS OF ALL MASONRY OPENINGS AND PENETRATIONS.
  2. PROVIDE 6" MINIMUM BEARING AT EACH END BUT NOT LESS THAN 1" PER FOOT OF SPAN.
  3. WHERE MINIMUM BEARING CANNOT BE PROVIDED, ATTACH SECURELY TO ADJACENT STRUCTURAL MEMBERS. COORDINATE SUCH CONNECTIONS WITH THE STRUCTURAL STEEL FABRICATOR.
  4. WHERE LINTELS OCCUR IN EXTERIOR WALLS MINIMUM THICKNESS SHALL BE 5/16" AND ANGLES SHALL BE HOT DIPPT GALVANIZED AFTER FABRICATION.
  5. WHERE ANGLES ARE BACK-TO-BACK, PROVIDE 1/2 INCH DIAMETER PLUG WELDS AT 24 INCH ON CENTER.
  6. REFER TO ARCHITECTURAL HEAD DETAILS TO DETERMINE TYPE OF LINTEL TO BE INSTALLED.

5 STEEL LINTEL SCHEDULE  
1/2" = 1'-0"



6 WEEP VENT INSERT FLASHING DETAIL  
1 1/2" = 1'-0"



3 MASONRY WALL DETAIL  
1 1/2" = 1'-0"

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### REVISIONS:

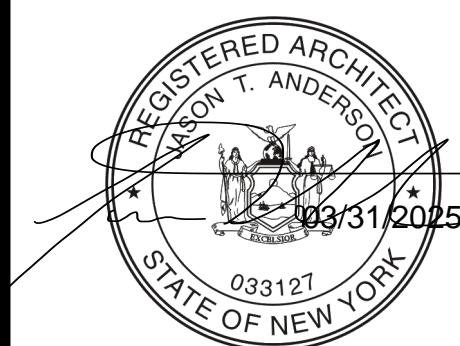
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106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: **MASONRY DETAILS**



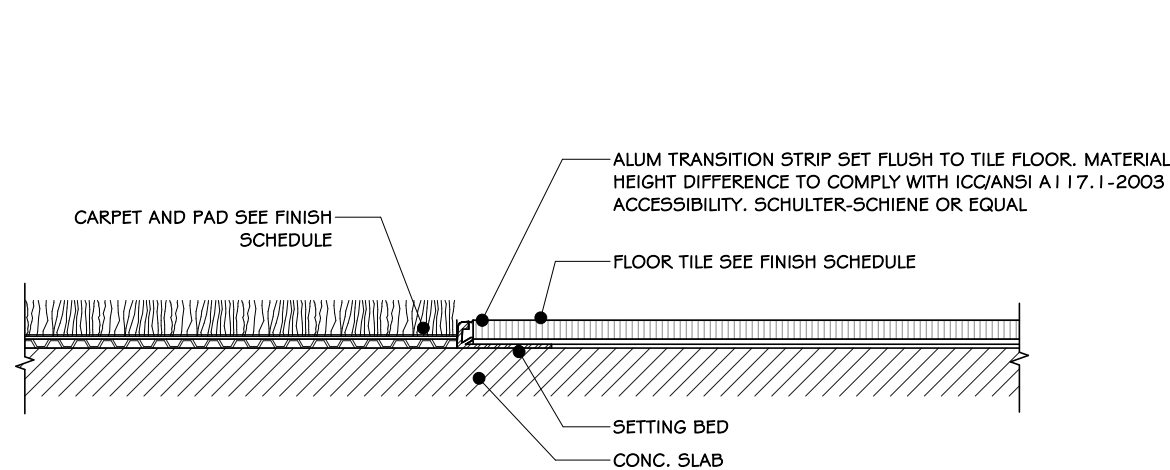
Project: 23138 Date: 02/24/25

Drawn: IDEA Scale: AS NOTED

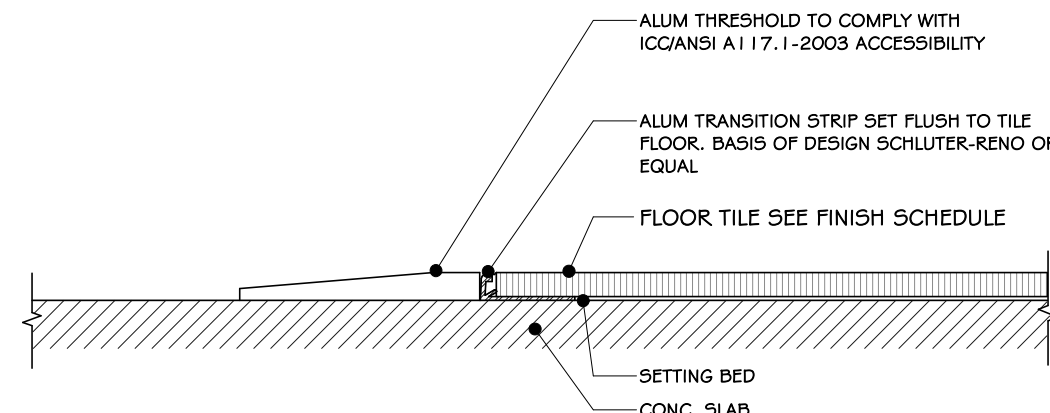
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A-604

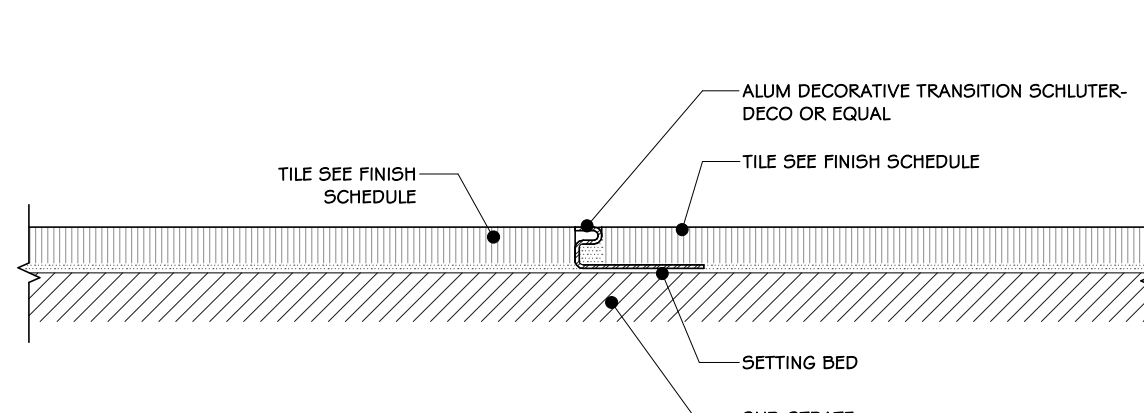




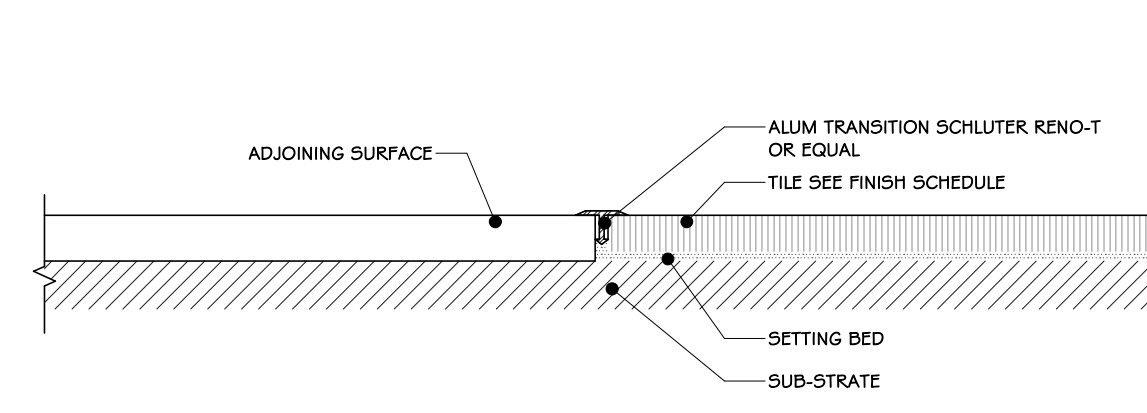
1 SCHIENE FLOOR TRANSITION DETAIL  
6" = 1'-0"



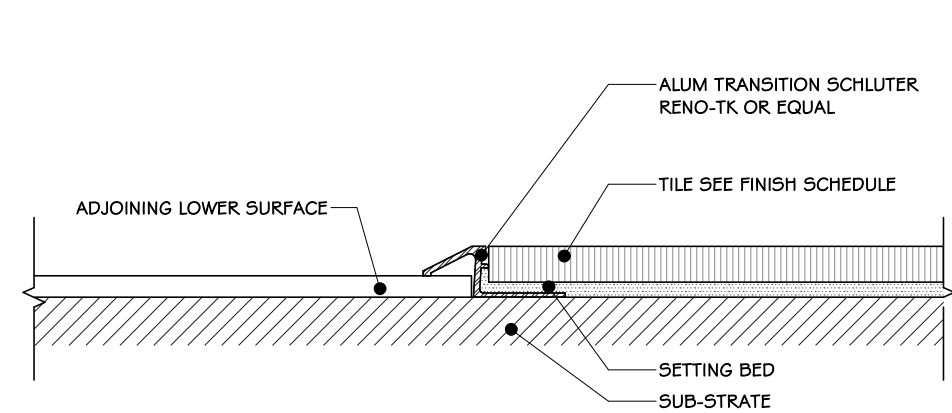
2 RENO FLOOR TILE THRESHOLD DET.  
6" = 1'-0"



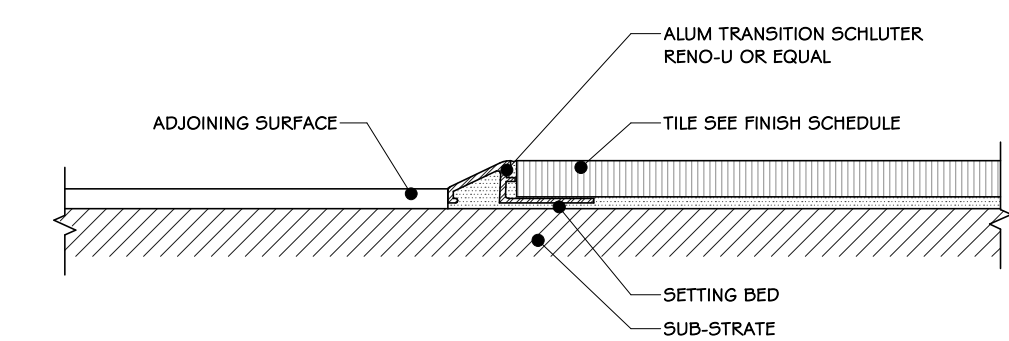
3 DECO TRANSITION DETAIL  
6" = 1'-0"



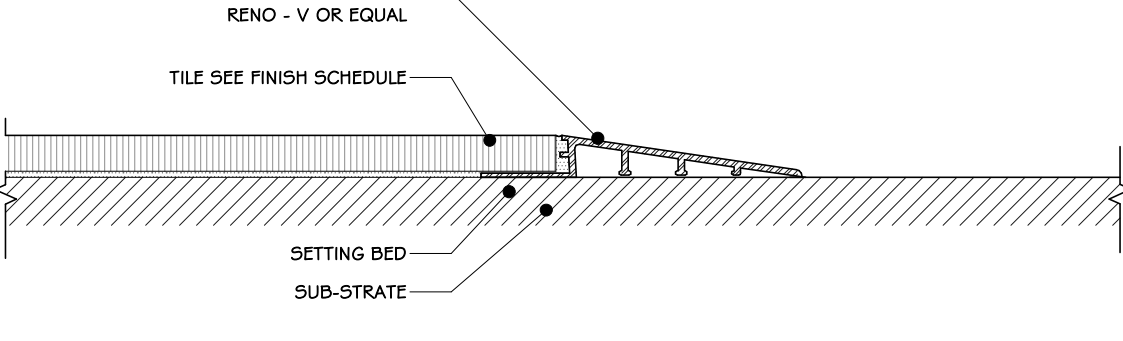
4 RENO-T TRANSITION DETAIL  
6" = 1'-0"



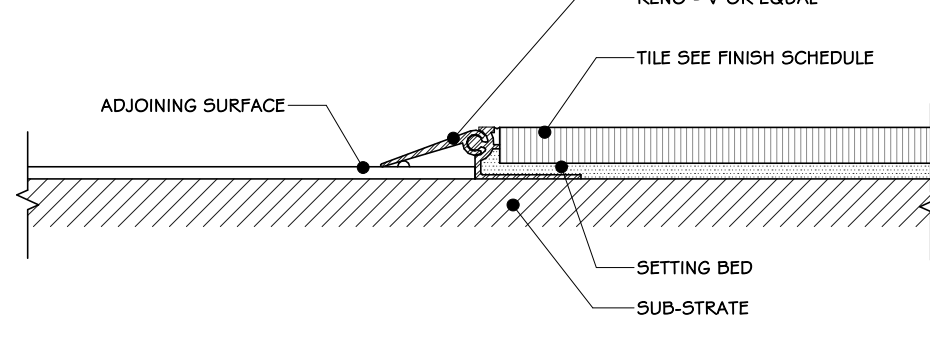
5 RENO-TK TRANSITION DETAIL  
6" = 1'-0"



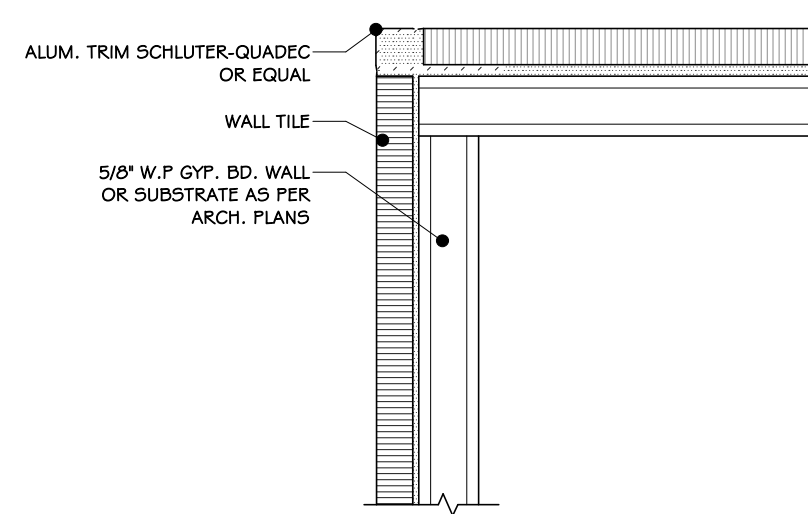
6 RENO-U TRANSITION DETAIL  
6" = 1'-0"



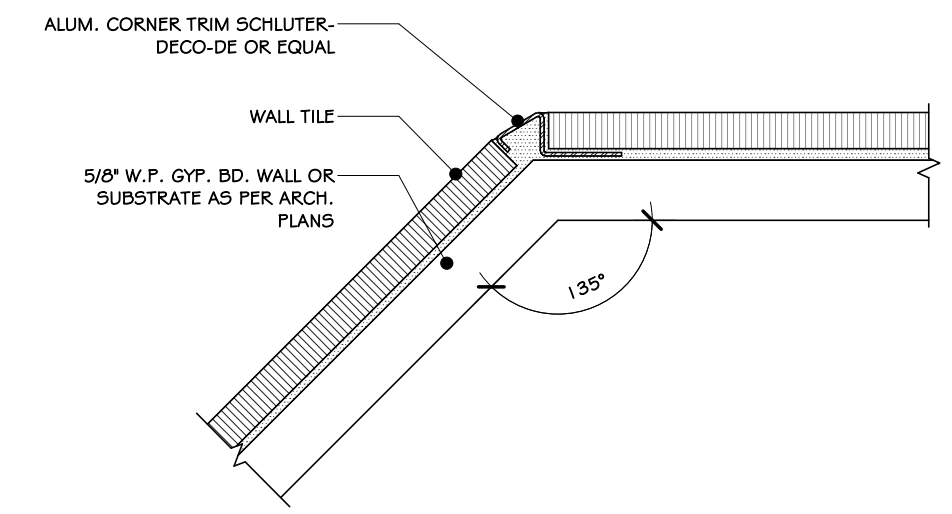
7 RENO-RAMP DETAIL  
6" = 1'-0"



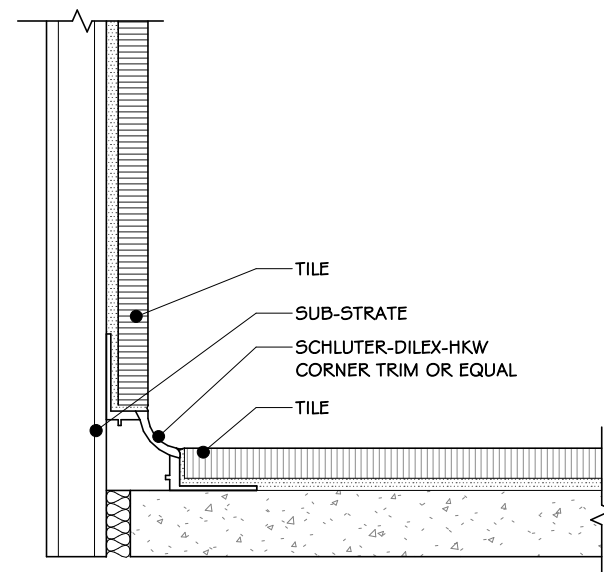
8 RENO-V TRANSITION DETAIL  
6" = 1'-0"



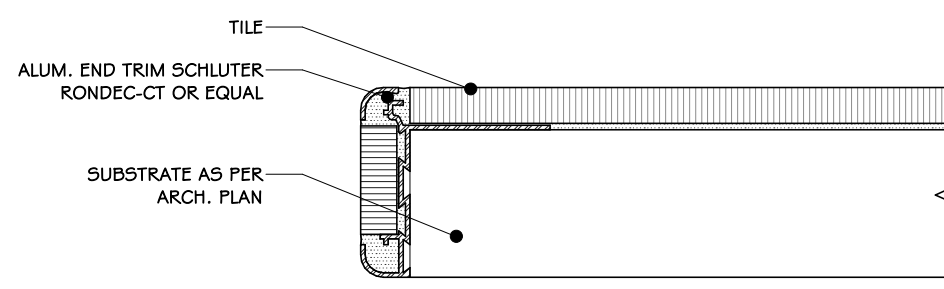
9 QUADEC TRIM DETAIL  
6" = 1'-0"



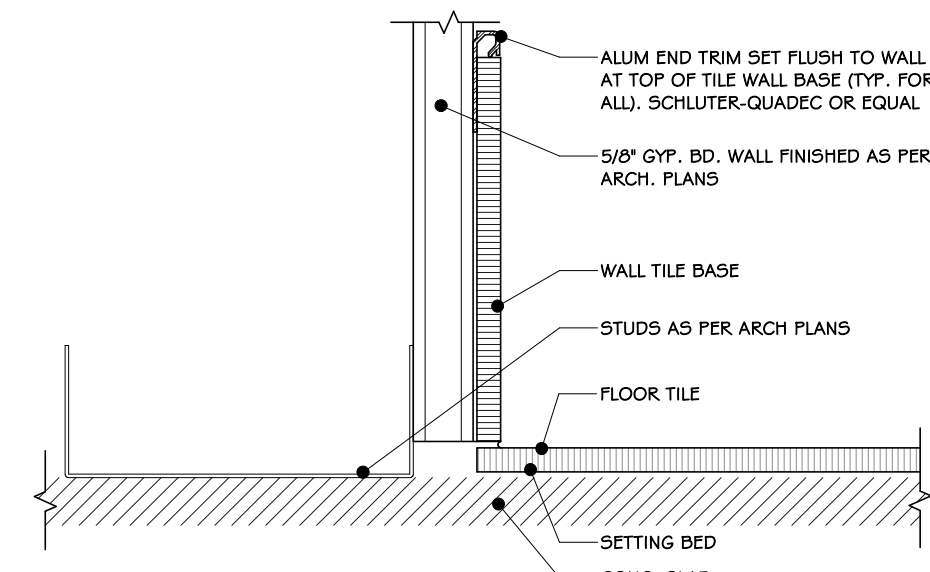
10 DECO-DE CORNER TRIM DETAIL  
6" = 1'-0"



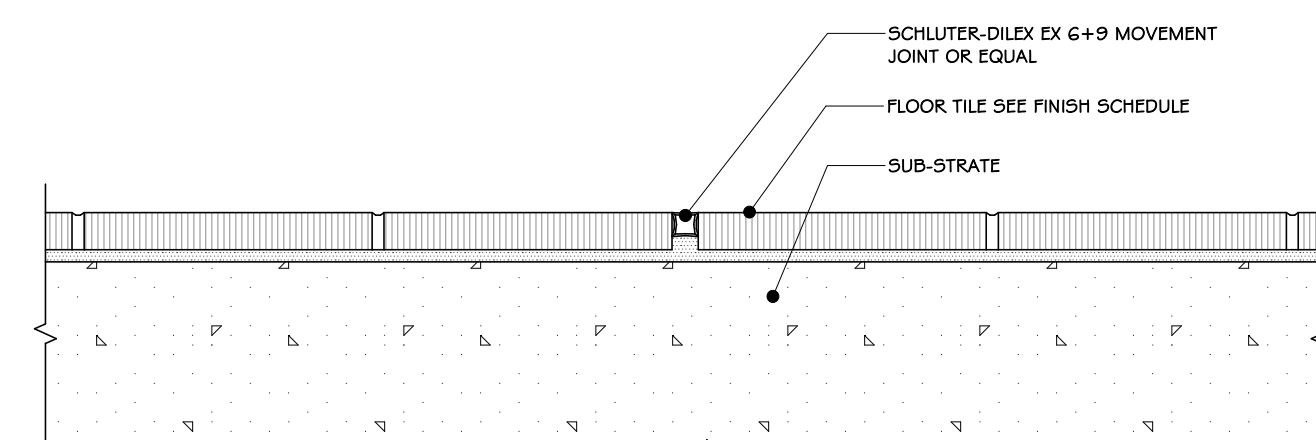
11 DILEX-HK CORNER TRIM DETAIL  
6" = 1'-0"



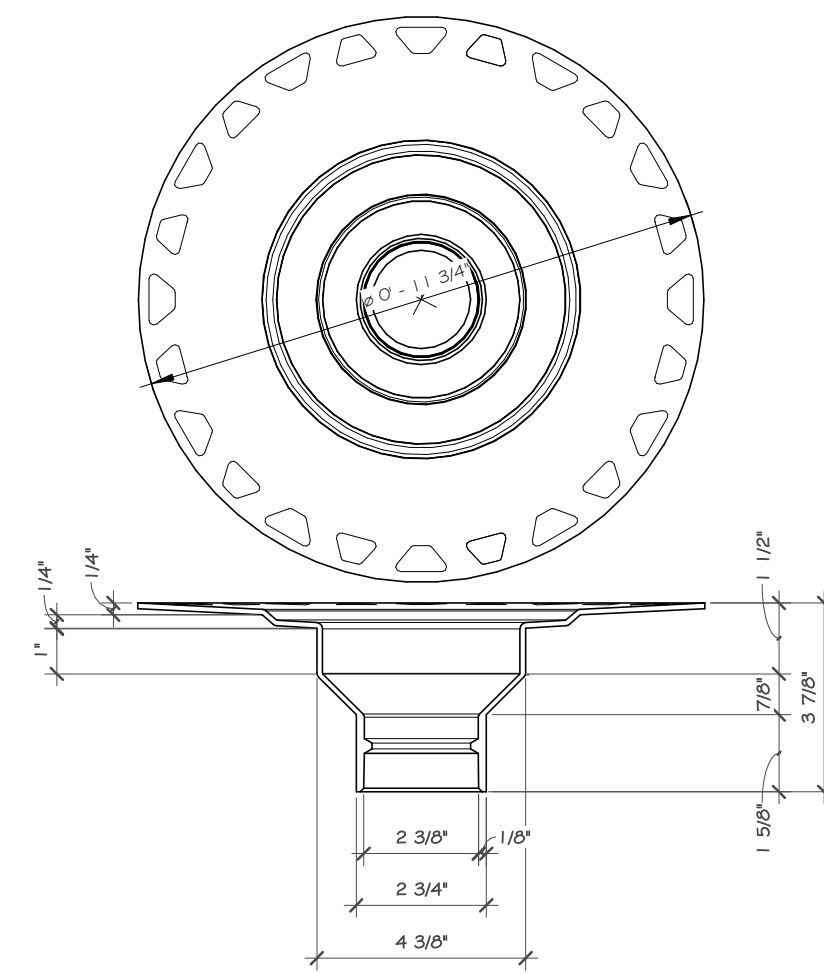
12 RODEC-STEP COUNTER EDGE DETAIL  
6" = 1'-0"



13 QUADEC BASE TRIM DETAIL  
6" = 1'-0"



14 DILEX EX 6+9 MOVEMENT JOINT DETAIL  
6" = 1'-0"



15 KERDI FLOOR DRAIN  
3" = 1'-0"

#### CONSTRUCTION NOTES:

1. DEPENDING ON THE ADJACENT FLOOR FINISHES AND HEIGHT VARIATION, TRANSITION DETAILS 1-6 MAY BE USED. DETAILS 1 & 2 ARE PREFERRED. SUBMIT SHOP DRAWINGS FOR APPROVAL, INDICATING WHICH DETAIL IS TO BE USED IN EACH UNIQUE LOCATION.
2. DETAILS 13 IS TO BE USED AT ALL WALL TILE TERMINATION LOCATIONS (TOP OF TILE BASE, TOP OF WALL TILE, ETC.). DETAILS 20 & 21 ARE PREFERRED TRANSITION BETWEEN FLOOR AND ADJACENT WALL FINISHES; HOWEVER, OTHER DETAILS MAY BE USED IN SITUATIONS THAT WARRANT IT. SUBMIT SHOP DRAWINGS FOR APPROVAL, INDICATING WHICH DETAIL IS TO BE USED IN EACH UNIQUE LOCATION.
- 3.

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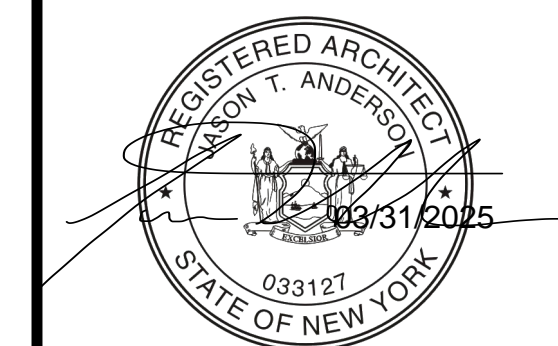
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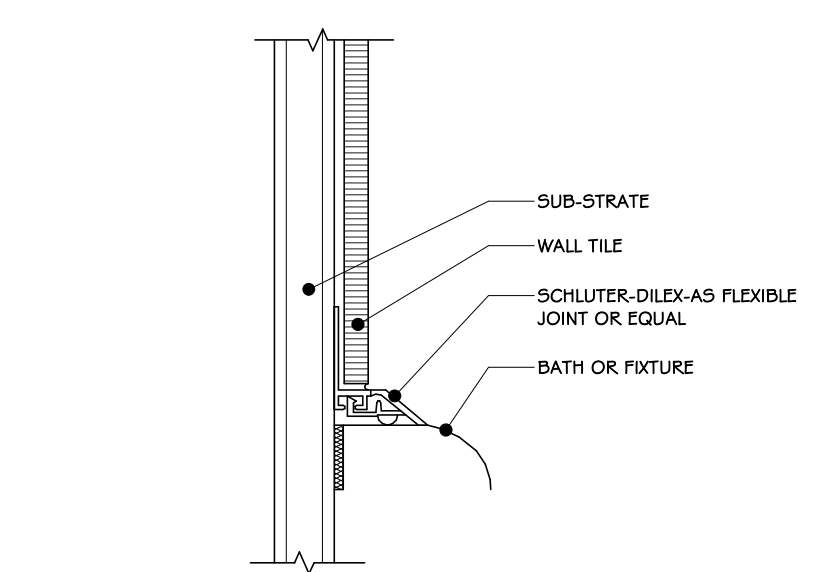
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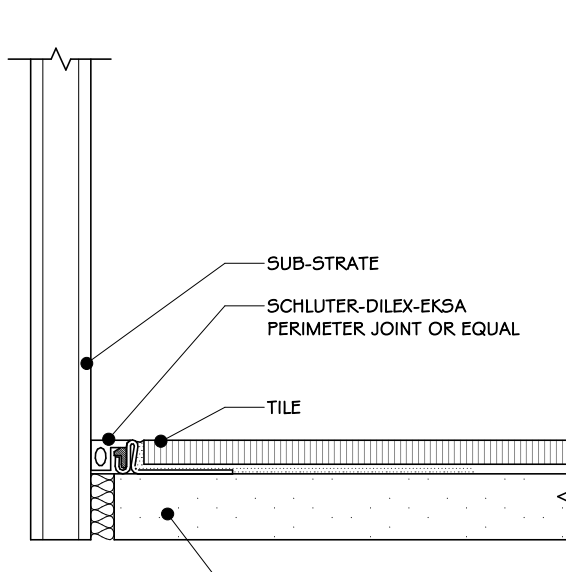
Drawing: **TILE SCHLUTER DETAILS**



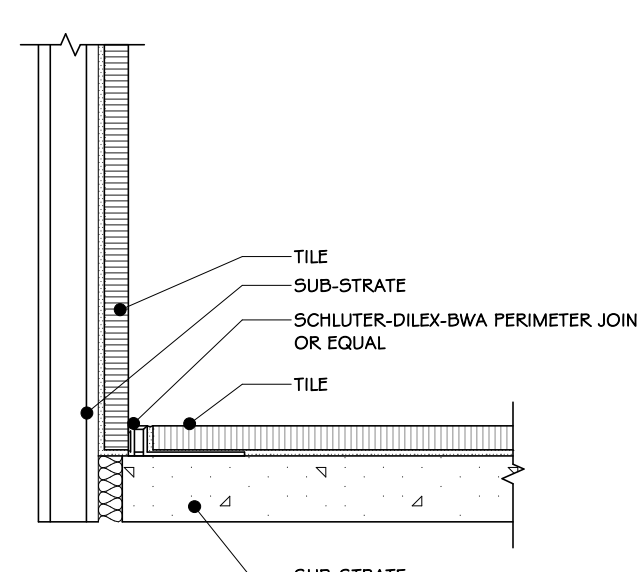
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Drawing Number: **A-605**



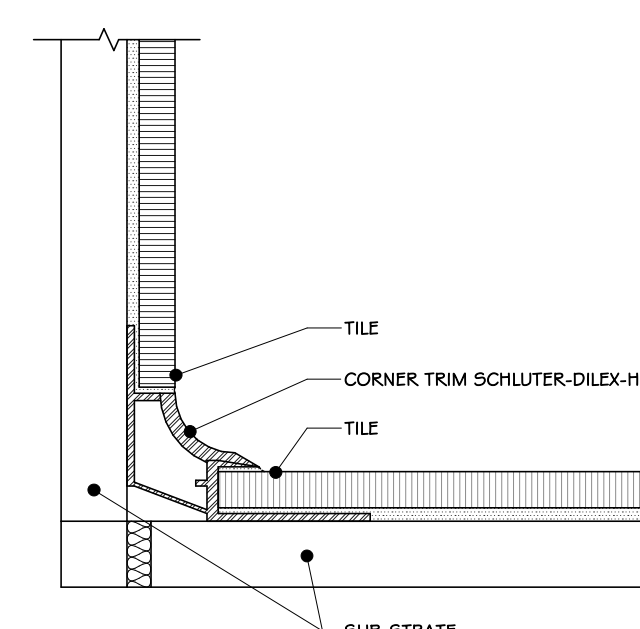
20 DILEX-AS FLEXIBLE JOINT DETAIL  
6" = 1'-0"



21 DILEX-EKSA PERIMETER JOINT DETAIL  
6" = 1'-0"

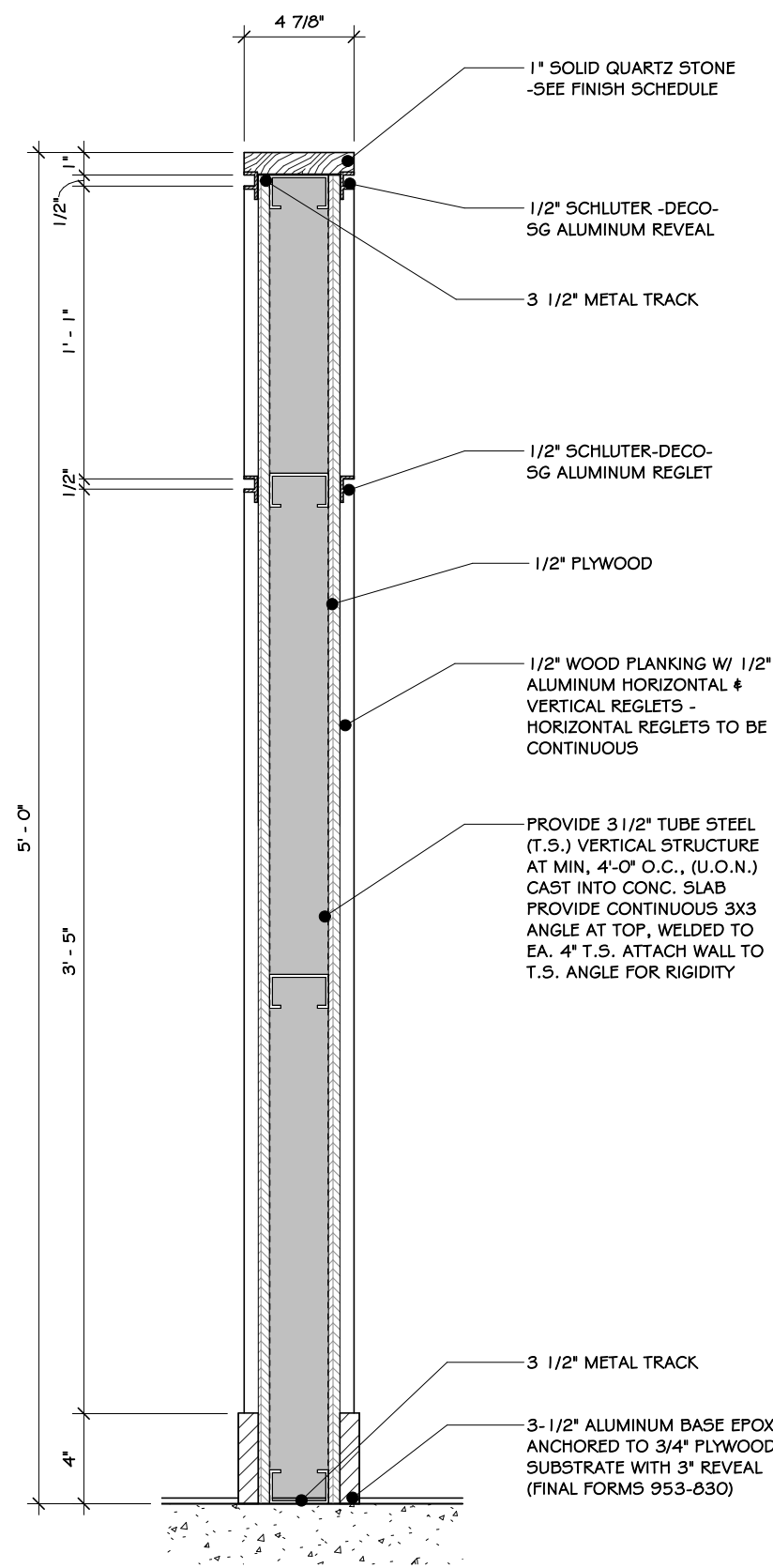


22 DILEX-EKE PERIMETER JOINT DETAIL  
6" = 1'-0"

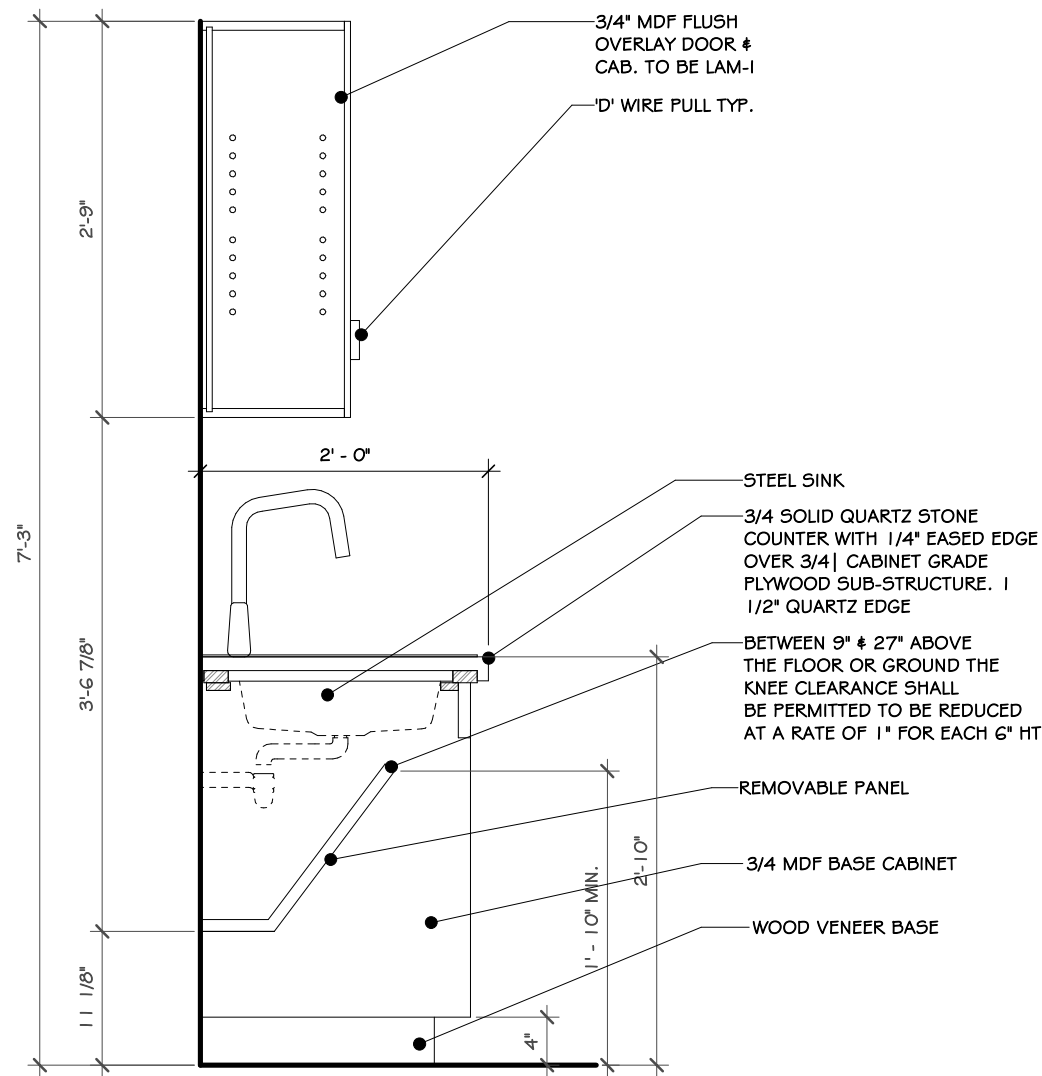


23 DILEX HKW CORNER TRIM DETAIL  
6" = 1'-0"



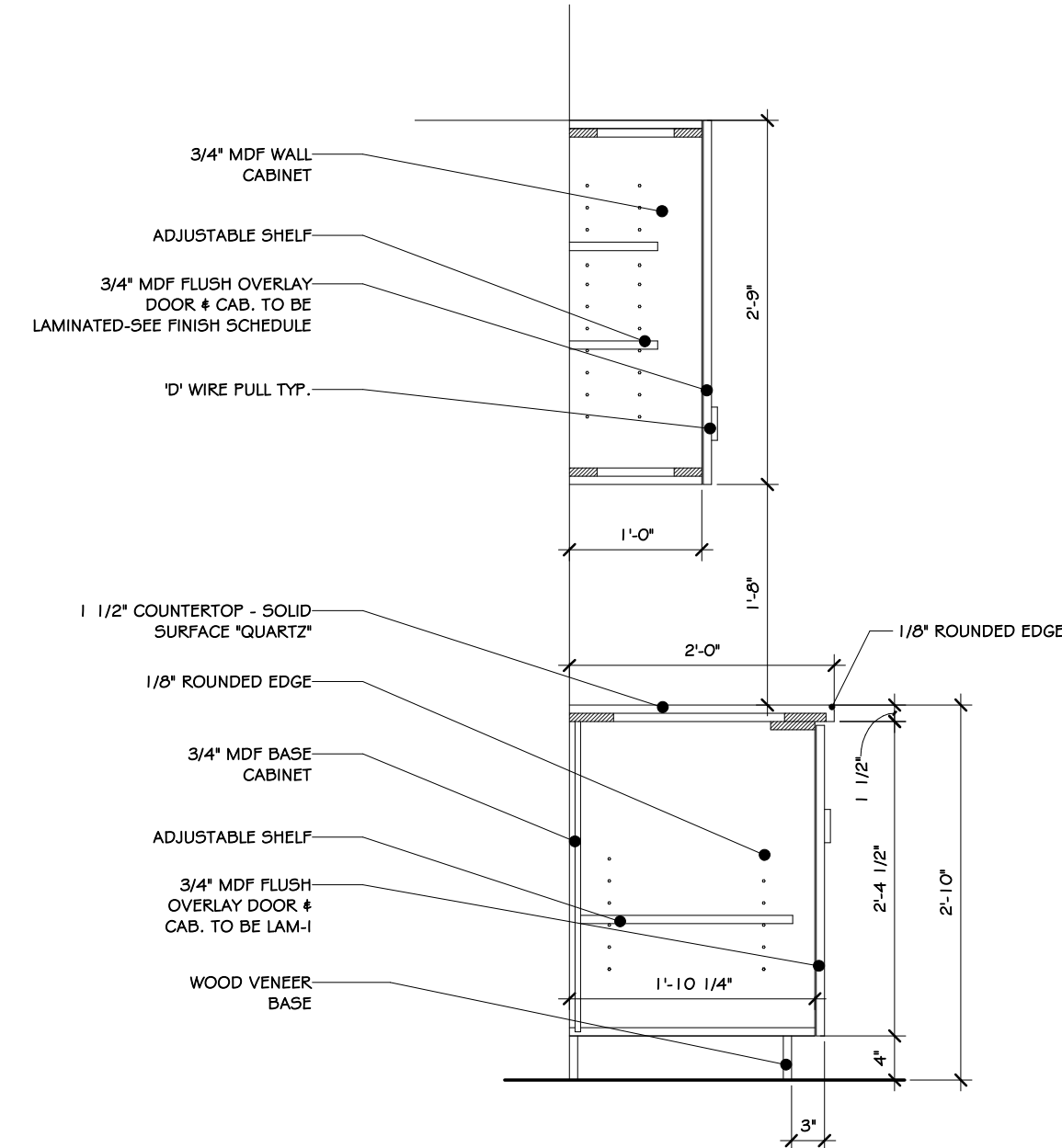


1 PARTIAL HEIGHT WALL DETAIL  
1 1/2" = 1'-0"

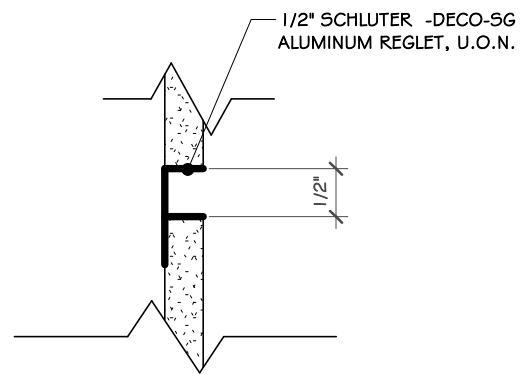


NOTE: DETAIL IS FOR DIMENSIONS ONLY. SEE SPECIFICATIONS FOR ACTUAL MATERIALS SELECTED

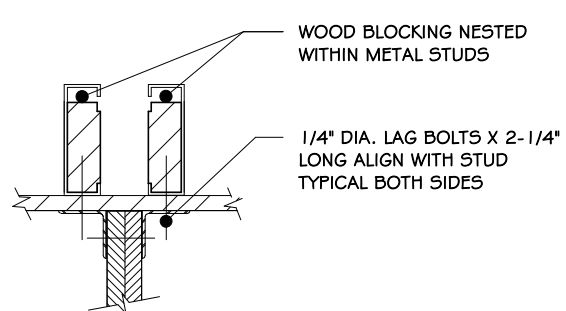
2 SECTION DETAIL  
3/4" = 1'-0"



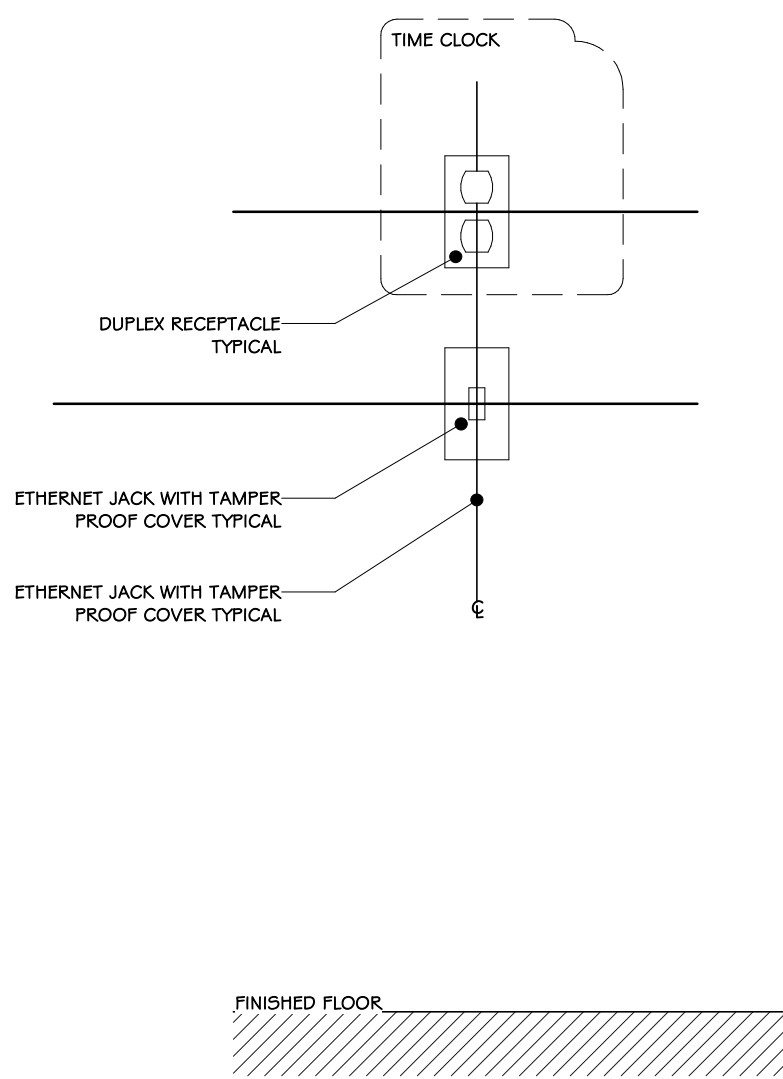
3 TYPICAL CABINET SECTION  
3/4" = 1'-0"



4 REGLET REVEAL DETAIL  
6" = 1'-0"

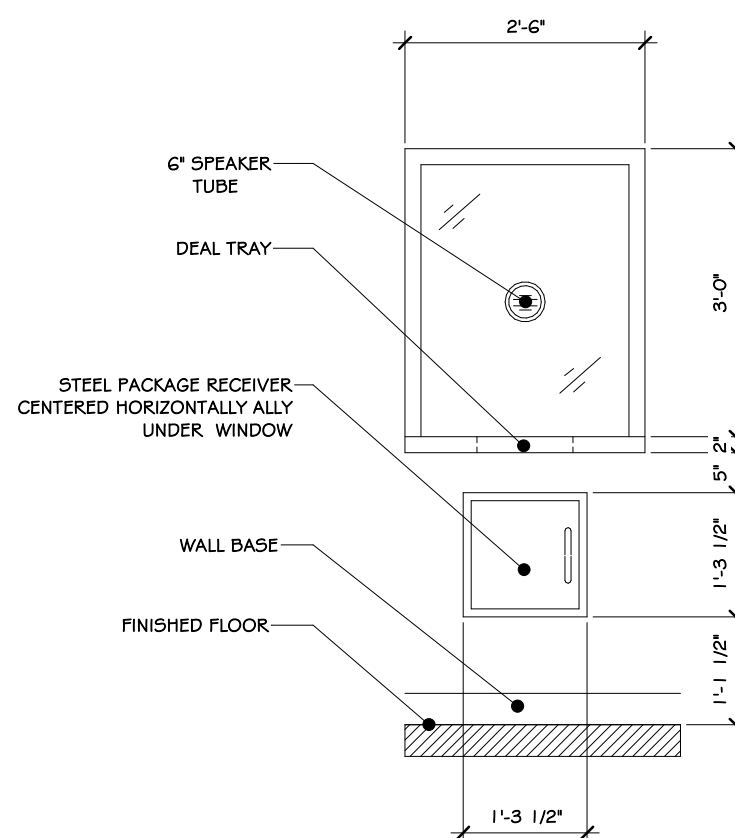


5 COUNTER BRACKET/ BLOCKING 1  
1" = 1'-0"

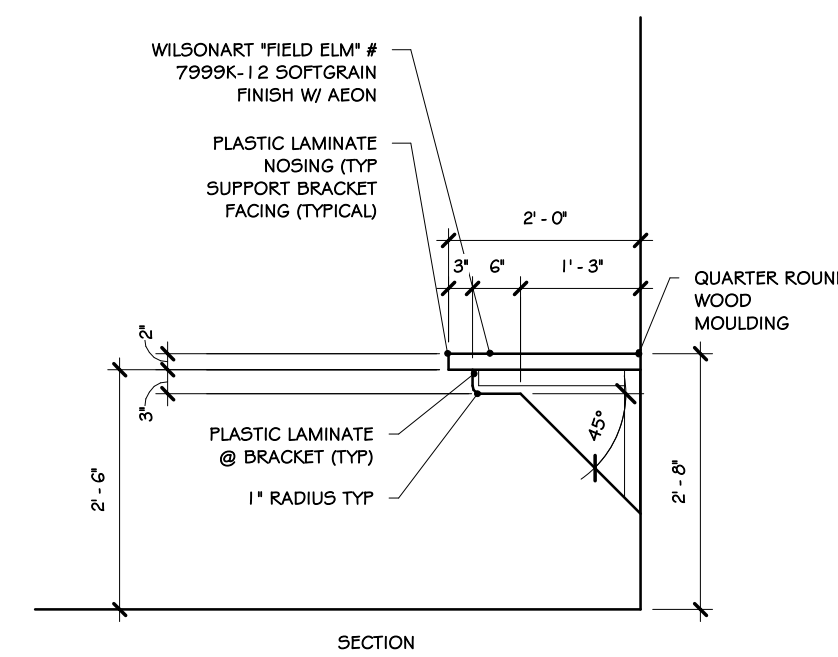


6 TIME CLOCK RECEPTABLES ELEVATION  
1" = 1'-0"

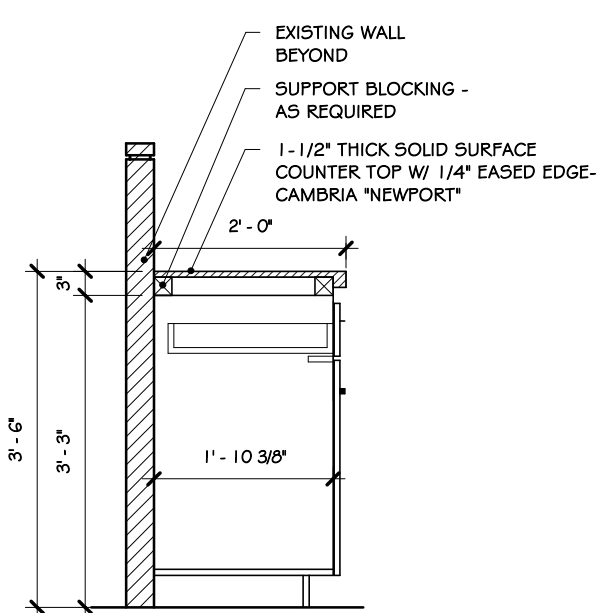
- NOTES:
1. ALL CLOCK LOCATIONS MUST BE VERIFIED WITH PWS.
  2. FOR UNITS LOCATED AT COLUMNS WITH COLUMN PROTECTION, ADJUST MOUNTING HEIGHTS TO 4'-2" AFF AND 5'-2" ABOVE FINISHED FLOOR.
  3. WHEN TWO OR MORE TIME CLOCKS ARE GROUPED TOGETHER, A MINIMUM OF 3'-0" PHYSICAL HORIZONTAL SEPARATION IS REQUIRED.



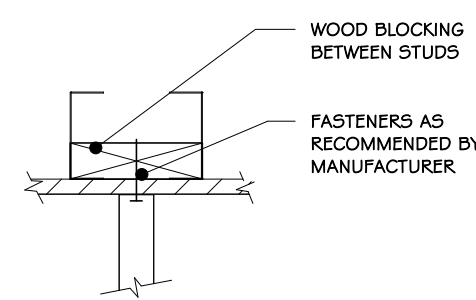
7 WINDOW & PACKAGE RECEIVER ELEVATION  
1/2" = 1'-0"



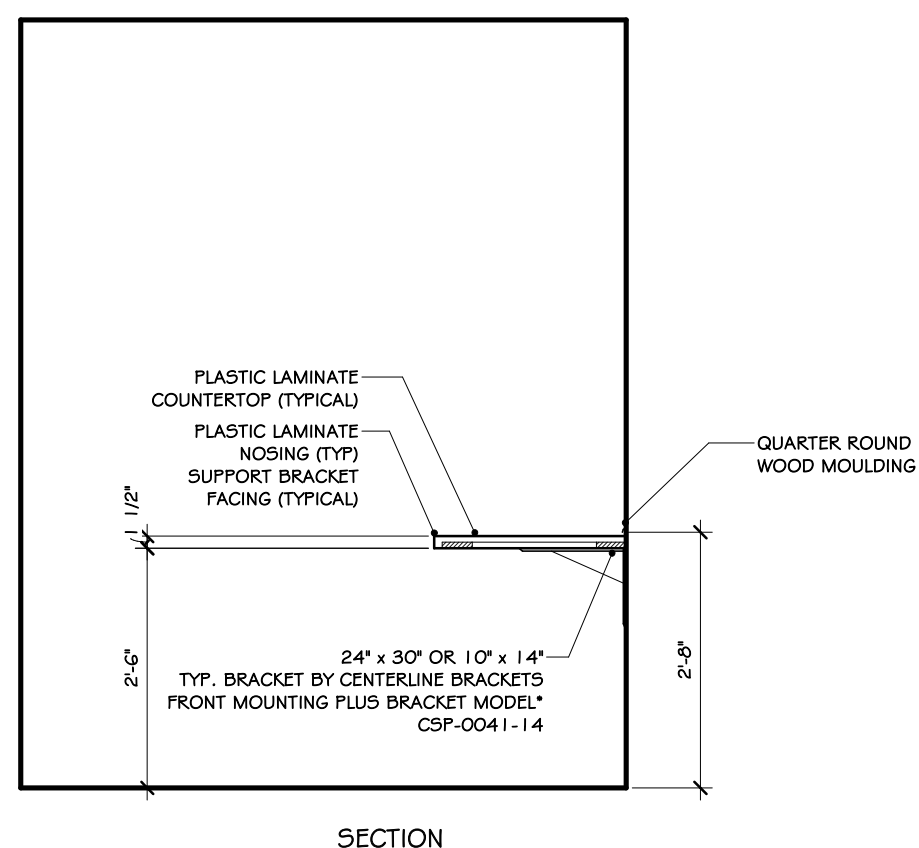
11 COUNTERTOP SECTION  
1/2" = 1'-0"



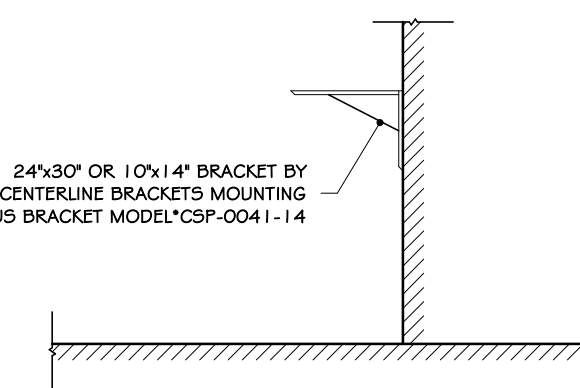
12 BASE CABINET SECTION  
1/2" = 1'-0"



8 COUNTER BRACKET/ BLOCKING 2  
1 1/2" = 1'-0"



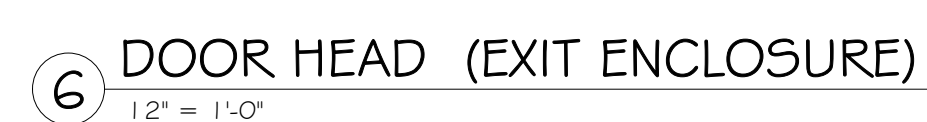
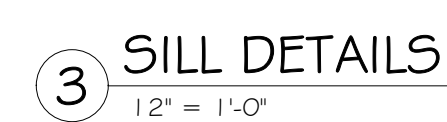
9 DESK COUNTER SECTION  
1/2" = 1'-0"



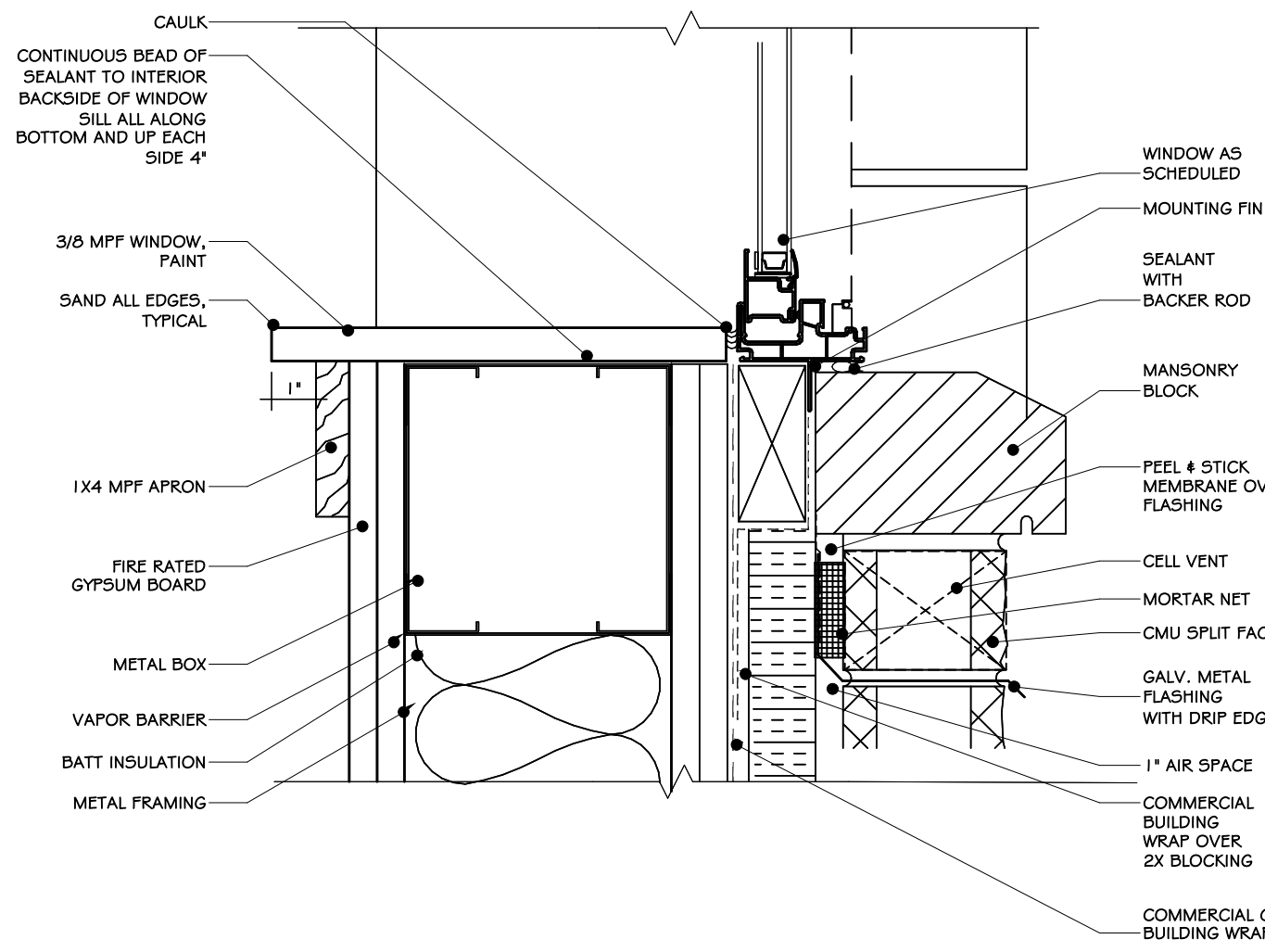
10 BRACKET BY CENTERLINE BRACKETS  
1/2" = 1'-0"

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Drawing: MILLWORK DETAILS			
		Project: 23138 Date: 02/24/25 Drawn: IDEA Scale: AS NOTED Drawing Number: <b>A-606</b>	

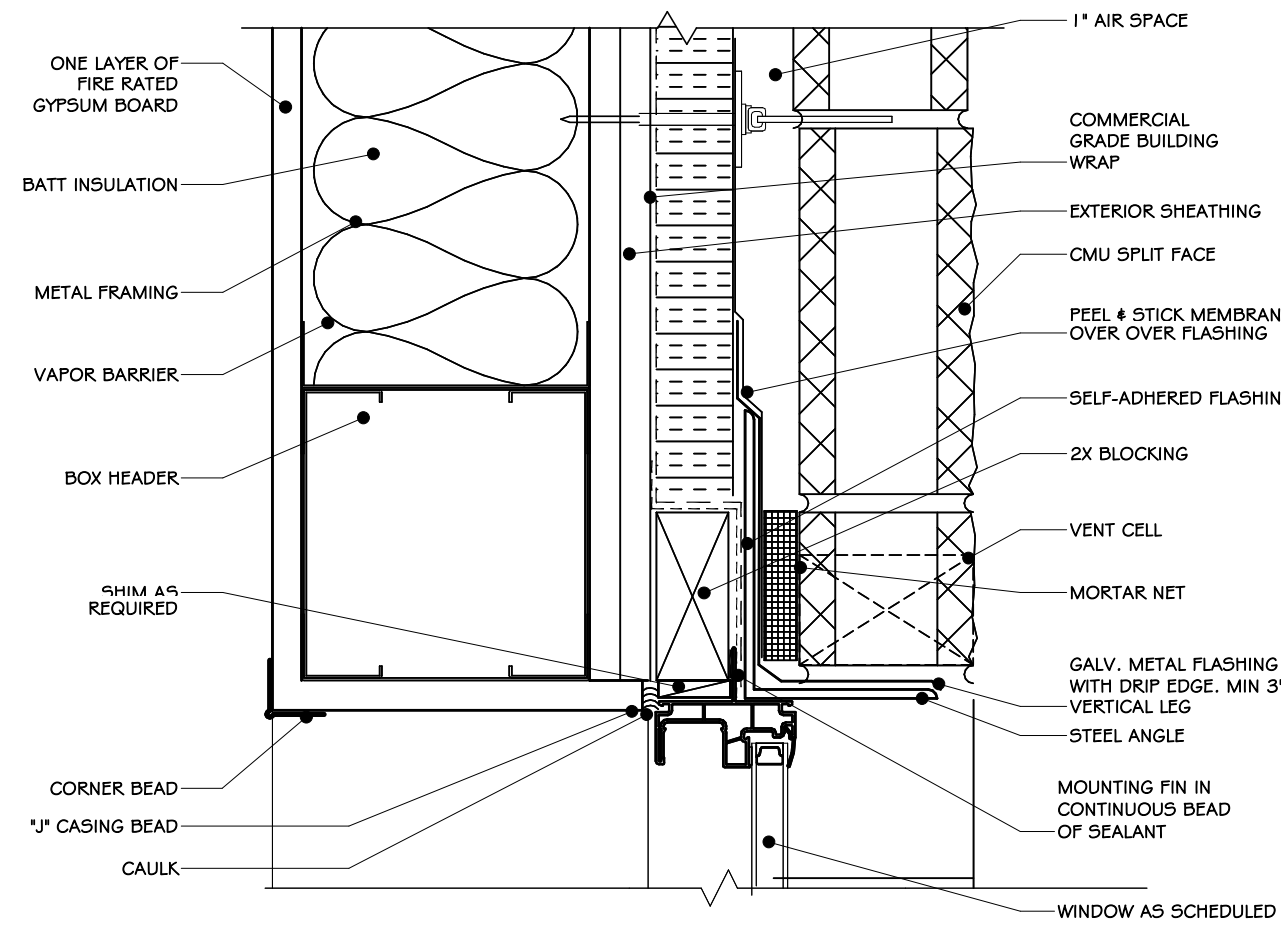


A-607

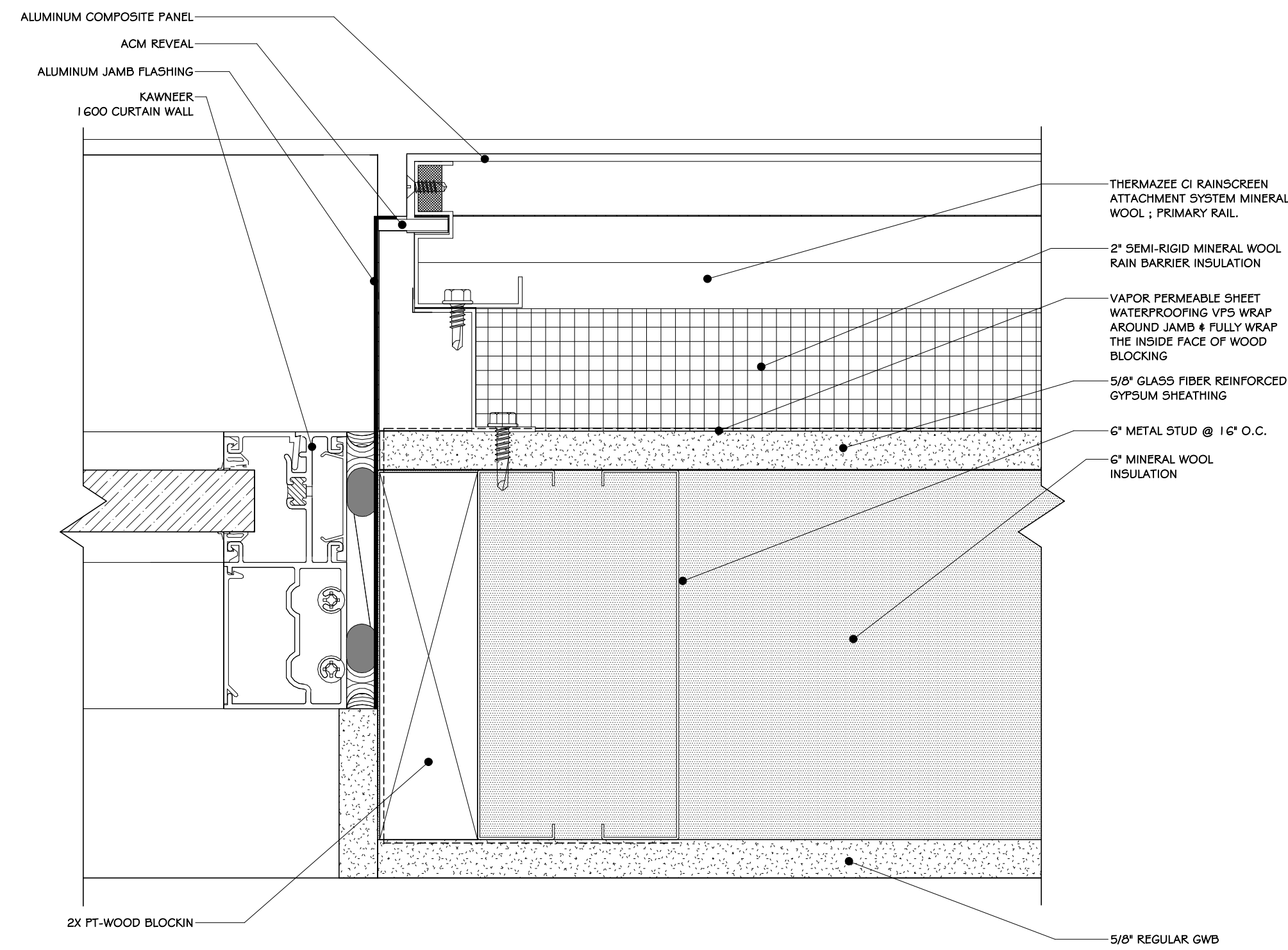




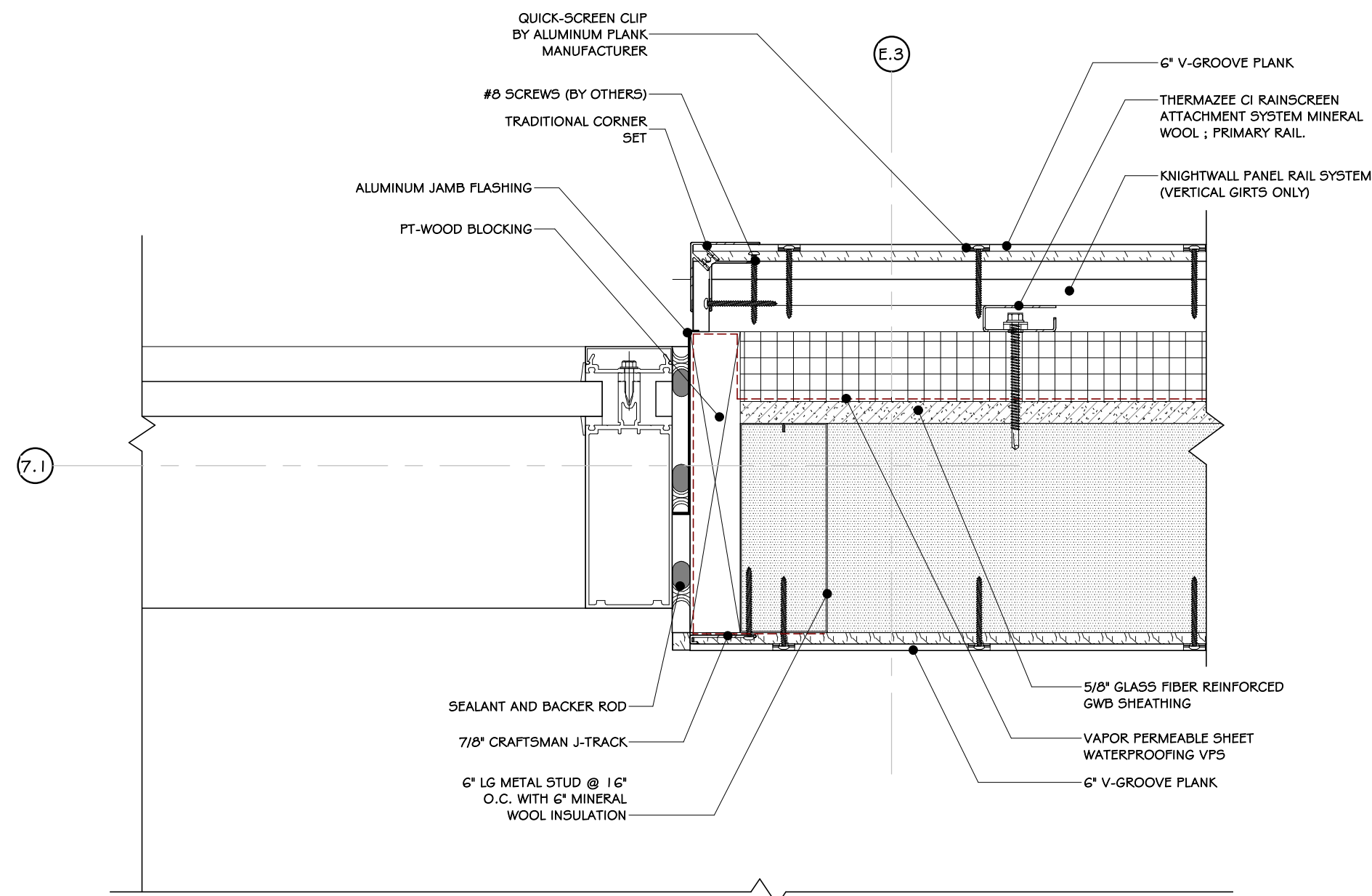
1 WINDOW SILL @ BRICK VENEER  
1/2" = 1'-0"



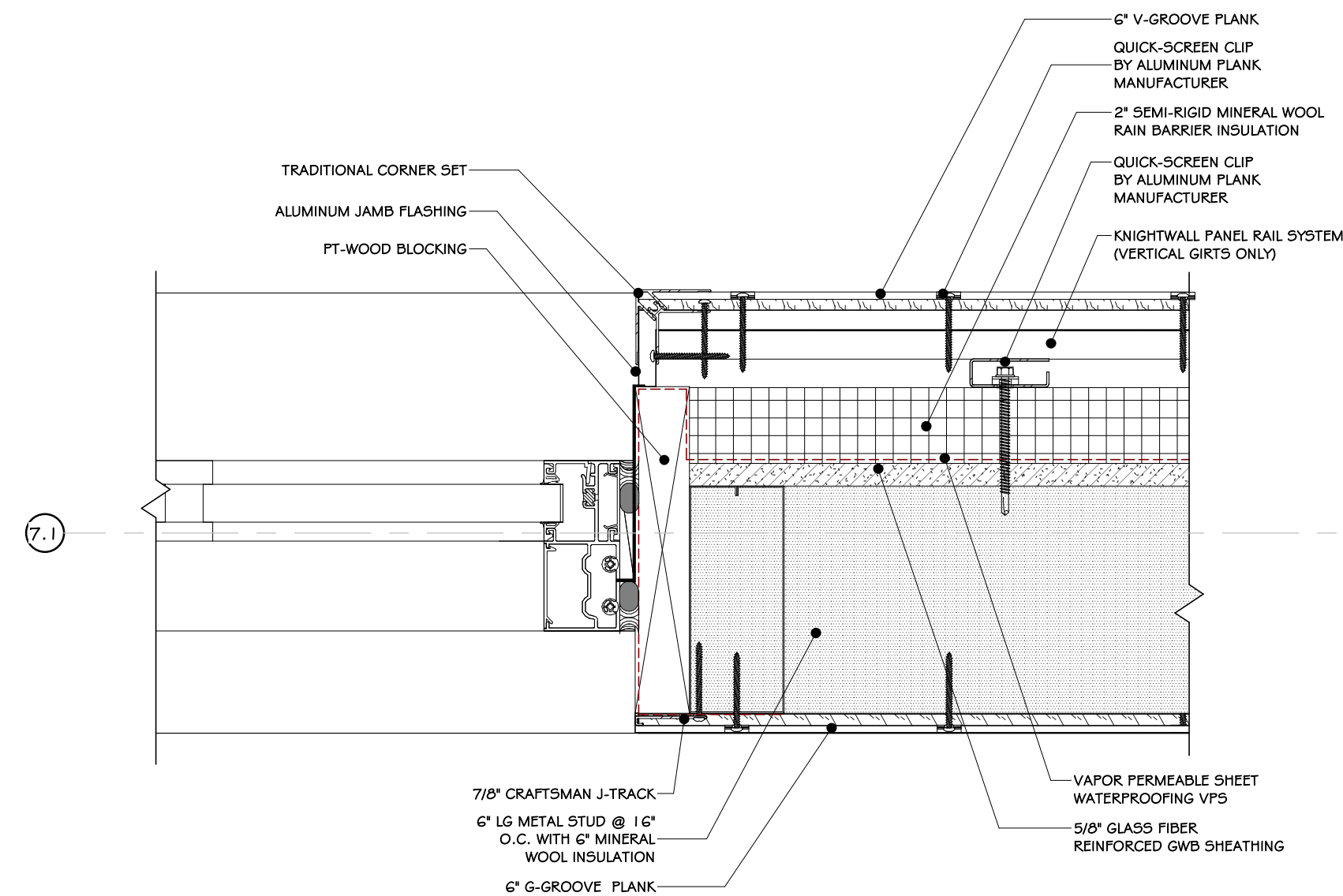
2 WINDOW HEAD @ BRICK VENEER  
1/2" = 1'-0"



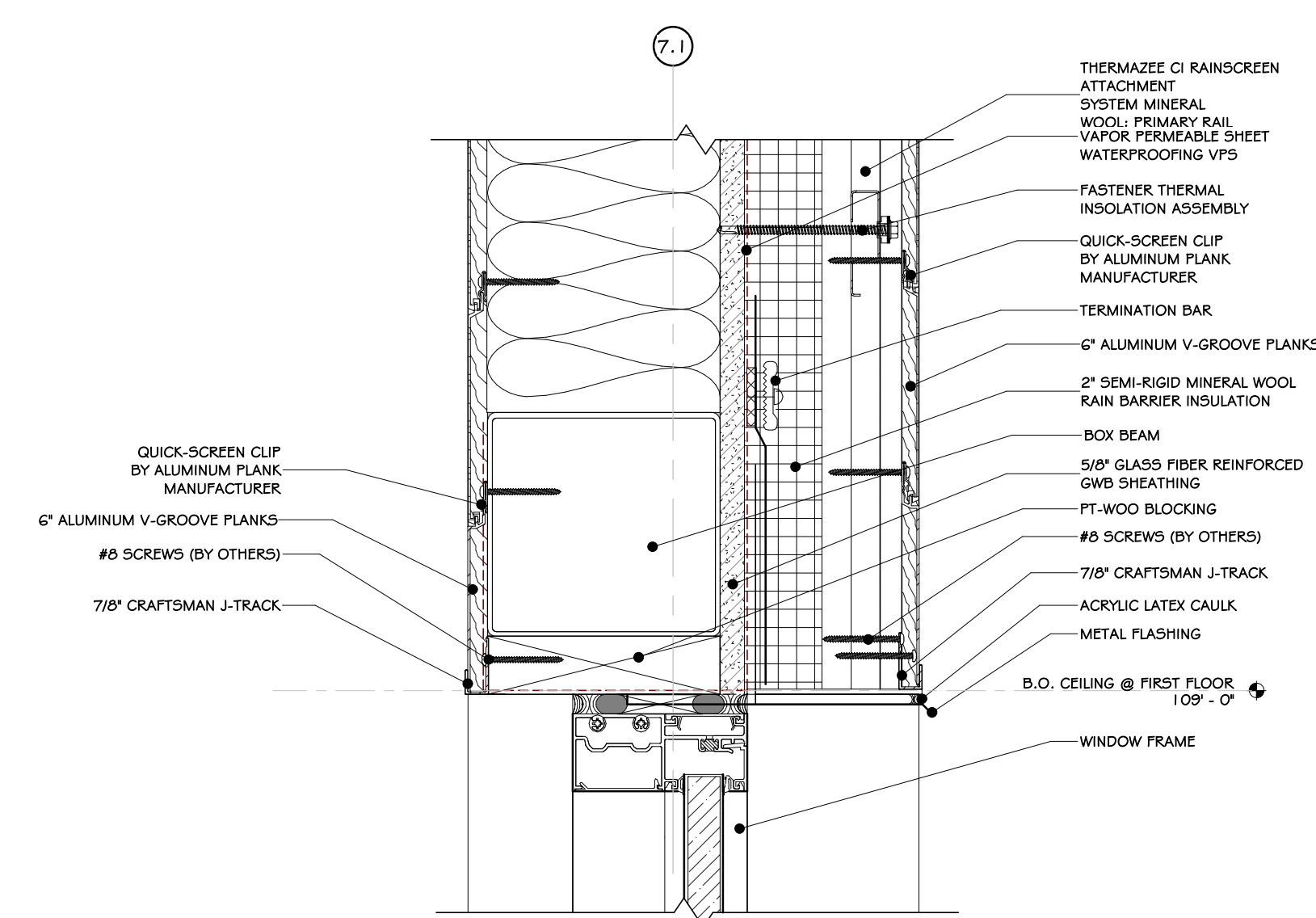
3 WINDOW JAMB @ ACM (TYP.)  
6" = 1'-0"



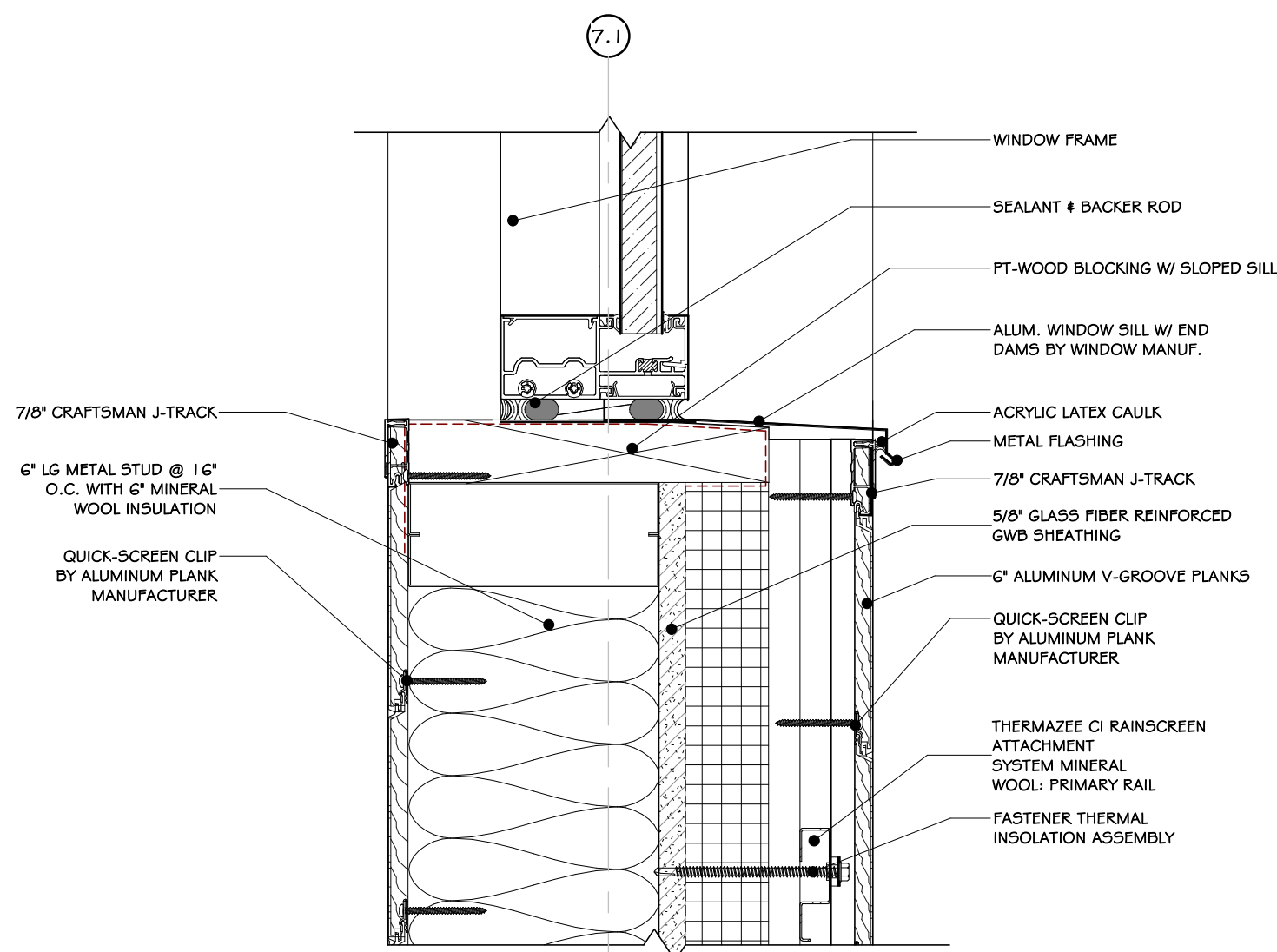
4 CURTAINWALL JAMB DETAIL @ EAST WALL  
3" = 1'-0"



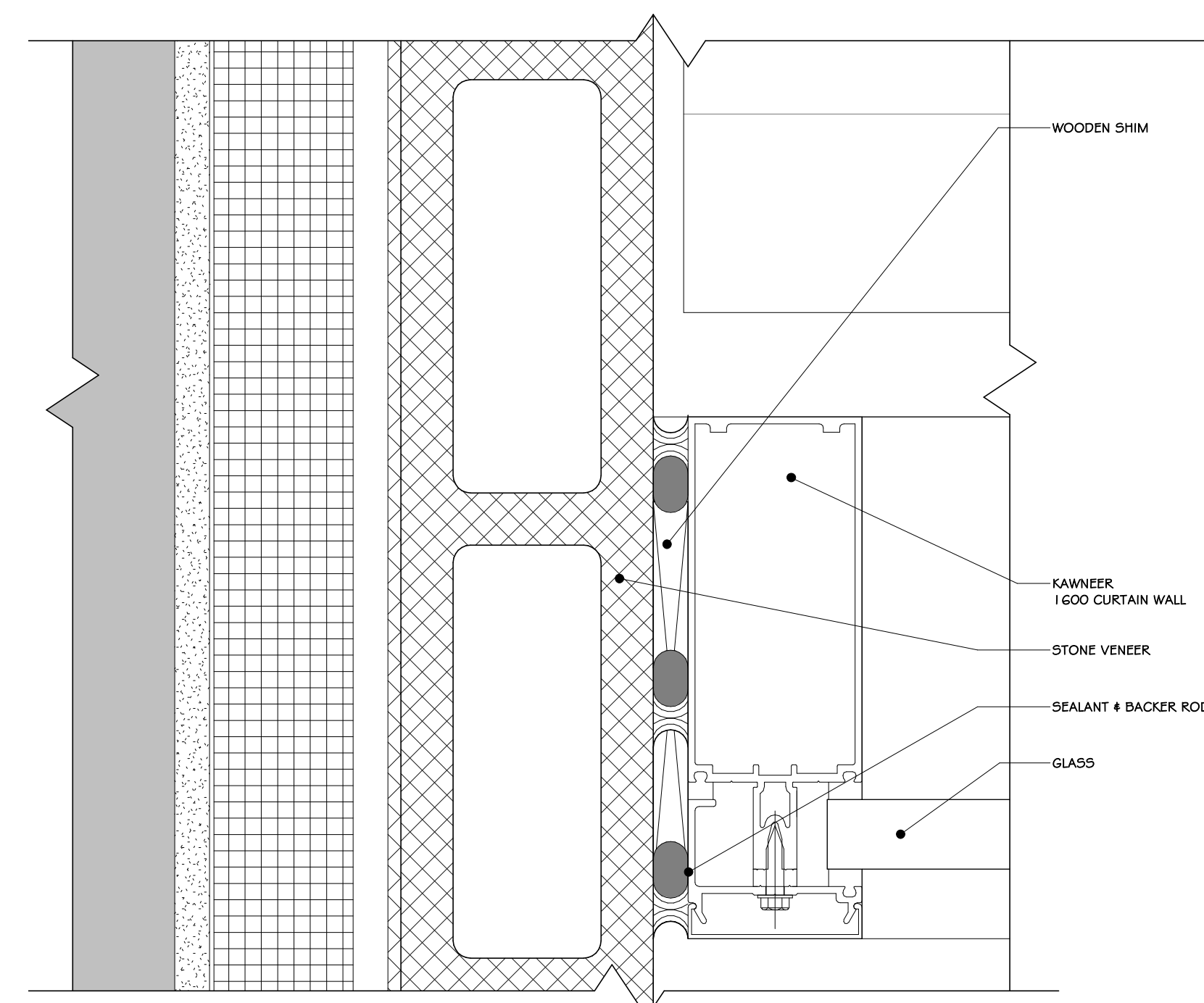
5 WINDOW JAMB DETAIL @ EAST WALL  
3" = 1'-0"



6 WINDOW HEADER DETAIL @ EAST  
3" = 1'-0"



7 WINDOW SILL DETAIL @ EAST  
3" = 1'-0"



8 WING WALL MULLION DETAIL  
6" = 1'-0"

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106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: WINDOW DETAILS

REGISTERED ARCHITECT  
JASON T. ANDERSON  
033127  
STATE OF NEW YORK

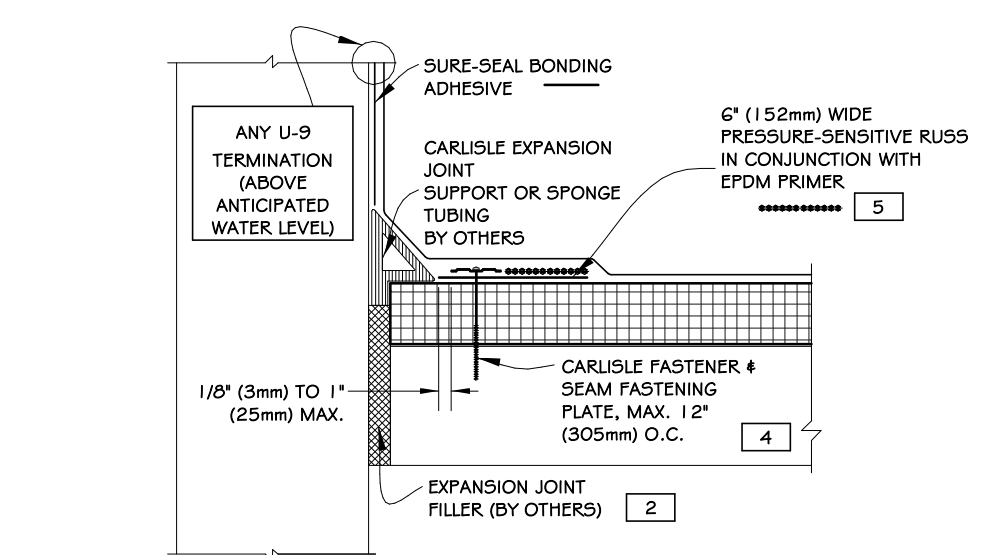
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CAUTION WHEN A WARRANTY WIND SPEED GREATER THAN 30MPH IS SPECIFIED, CARLISLE FASTENERS AND SEAM FASTENING PLATES SHALL NOT EXCEED 6" (152mm) ON CENTER FOR ADHERED MEMBRANE ASSEMBLIES.

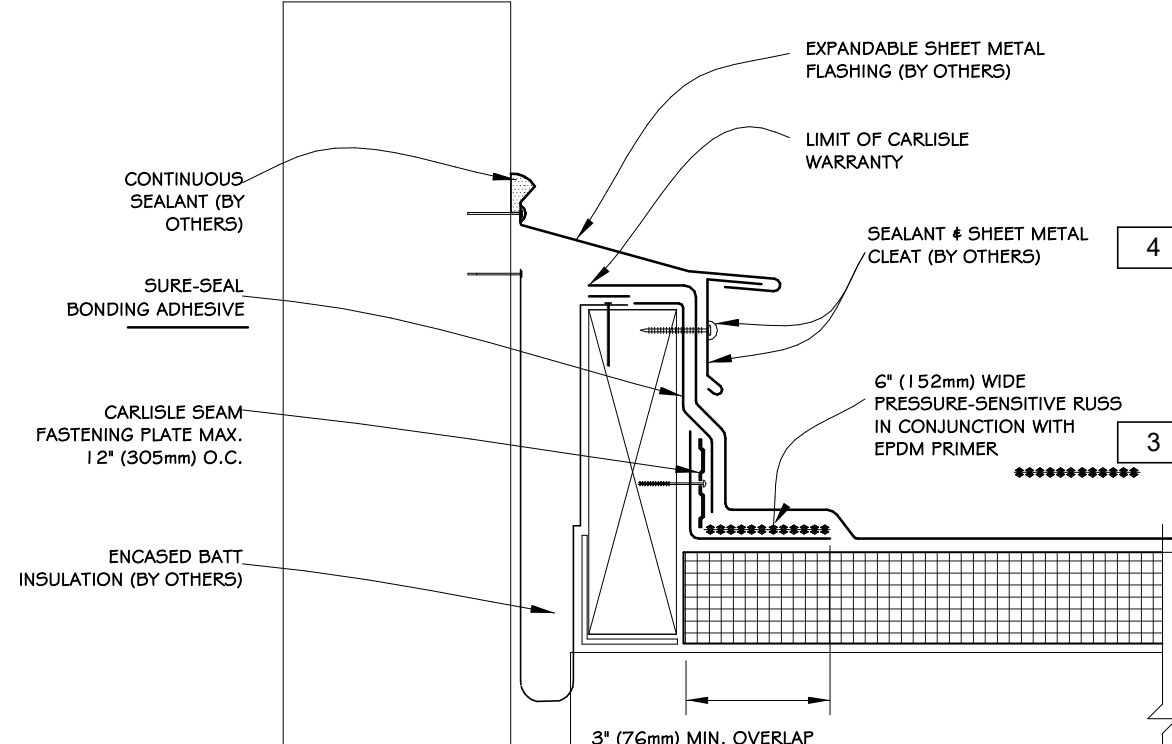


- NOTES:
- ALL OUTSIDE AND INSIDE CORNERS REQUIRE TWO COMPLETE CORNER APPLICATIONS OF PRESSURE-SENSITIVE ELASTOFORM FLASHING AS PER DETAIL U-15.
  - WIDTH OF JOINT SHALL BE A MINIMUM OF 3/4" (19mm) AND SHALL NOT EXCEED 2" (51mm) WHEN CARLISLE EXPANSION JOINT SUPPORT IS USED.
  - ALL VERTICAL FIELD SPLICES AT THE BASE OF A WALL OR CURB MUST BE OVERLAP WITH A PRESSURE-SENSITIVE T-JOINT COVER OR A 6"x2" (152mm x 51mm) SECTION OF PRESSURE-SENSITIVE ELASTOFORM FLASHING CENTERED OVER THE FIELD SPICE. PROJECTS WITH 25 AND 30-YEAR WARRANTIES OR WHEN USING 30-MIL MEMBRANE, ALL VERTICAL SPLICES MUST BE OVERLAP WITH A T-JOINT COVER AND COVERED WITH A 12"x12" (305mm x 305mm) PRESSURE-SENSITIVE ELASTOFORM FLASHING PIECE OR T-JOINT COVER. BOTH LAYERS SHALL BE CENTERED AND SEALED WITH CONTINUOUS LAF SEALANT. REFER TO DETAIL U-26.
  - ON MECHANICALLY FASTENED SYSTEMS, HP FASTENERS AND POLYMER SEAM PLATES ARE REQUIRED OVER STEEL DECK.
  - EPDM PRIMER MUST BE APPLIED TO BACK SIDE OF DECK MEMBRANE PRIOR TO COMPLETING SPLICE TO PRESSURE-SENSITIVE RUSS.

## 1 DECK-TO-WALL EXPANSION JOINT

3" = 1'-0"

CAUTION WHEN A WARRANTY WIND SPEED GREATER THAN 30MPH IS SPECIFIED, CARLISLE FASTENERS AND SEAM FASTENING PLATES SHALL NOT EXCEED 6" (152mm) ON CENTER FOR ADHERED MEMBRANE ASSEMBLIES.

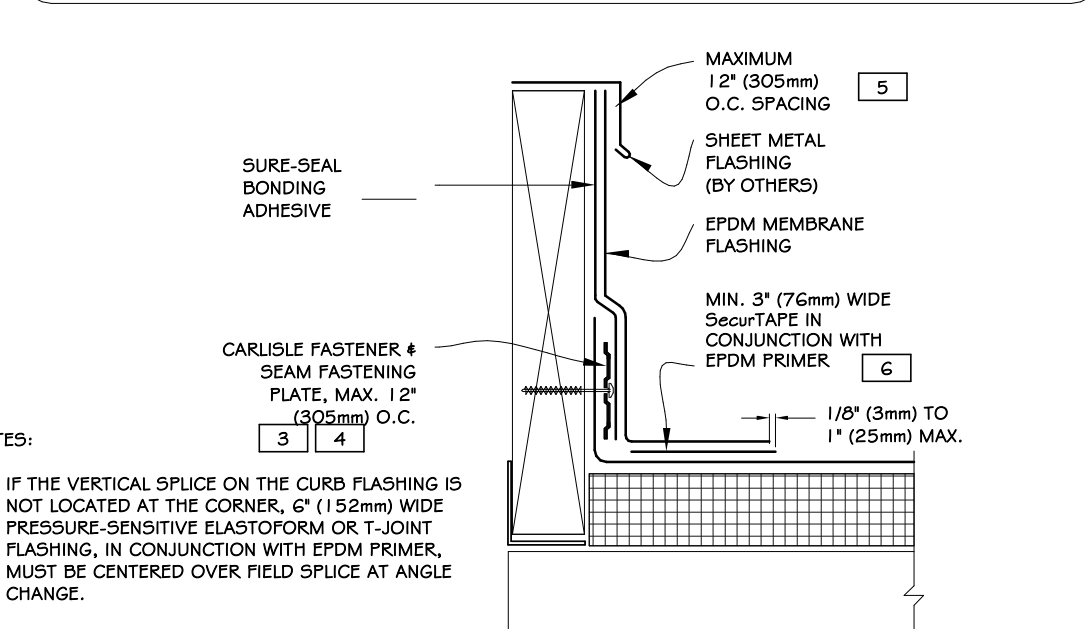


- NOTES:
- PRESSURE-SENSITIVE RUSS MAY BE INSTALLED INTO THE STRUCTURAL DECK. ON MECHANICALLY-FASTENED ROOFING SYSTEMS, HP FASTENERS AND POLYMER SEAM PLATES ARE REQUIRED OVER STEEL DECK.
  - ALL VERTICAL FIELD SPLICES AT THE BASE OF A WALL OR CURB MUST BE OVERLAP WITH A PRESSURE-SENSITIVE T-JOINT COVER OR A 6"x2" (152mm x 51mm) SECTION OF PRESSURE-SENSITIVE ELASTOFORM FLASHING CENTERED OVER THE FIELD SPICE. PROJECTS WITH 25 AND 30-YEAR WARRANTIES OR WHEN USING 30-MIL MEMBRANE, ALL VERTICAL SPLICES MUST BE OVERLAP WITH A T-JOINT COVER AND COVERED WITH A 12"x12" (305mm x 305mm) PRESSURE-SENSITIVE ELASTOFORM FLASHING PIECE OR T-JOINT COVER. BOTH LAYERS SHALL BE CENTERED AND SEALED WITH CONTINUOUS LAF SEALANT. REFER TO DETAIL U-26.
  - EPDM PRIMER MUST BE APPLIED TO BACK SIDE OF DECK MEMBRANE PRIOR TO COMPLETING SPLICE TO PRESSURE-SENSITIVE RUSS.
  - ON MECHANICALLY FASTENED SYSTEMS, HP FASTENERS AND POLYMER SEAM PLATES ARE REQUIRED OVER STEEL DECK.
  - EPDM PRIMER MUST BE APPLIED TO BACK SIDE OF DECK MEMBRANE PRIOR TO COMPLETING SPLICE TO PRESSURE-SENSITIVE RUSS.

## 2 SHEAR EXPANSION COVER

3" = 1'-0"

CAUTION FOR PROJECTS WITH 25 + 30-YEAR WARRANTIES OR WHEN USING 30-MIL MEMBRANE, REFER TO DETAIL U-15 FOR REQUIRED CORNER ENHANCEMENTS.

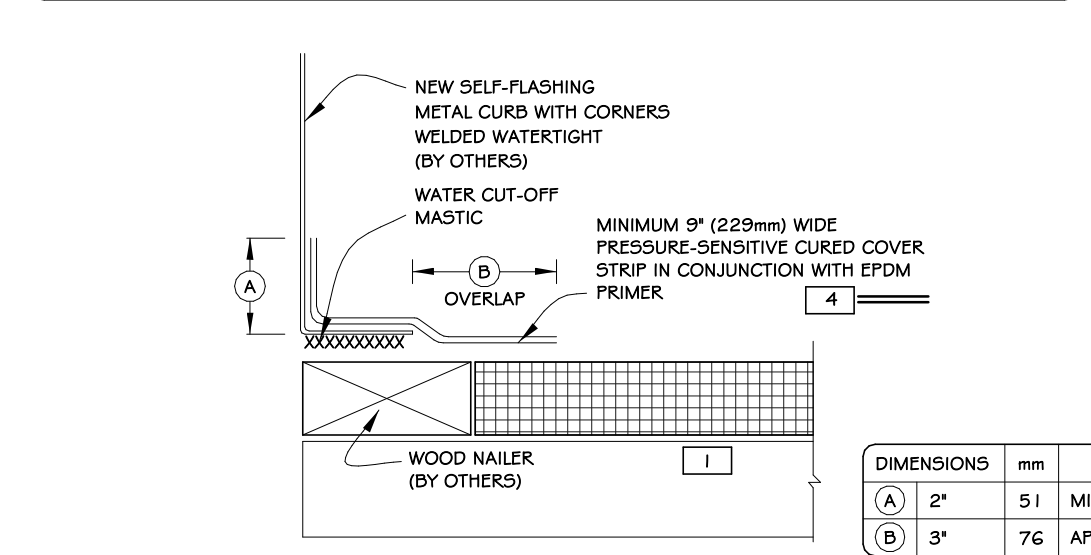


- NOTES:
- IF THE VERTICAL SPICE ON THE CURB FLASHING IS NOT LOCATED AT THE CORNER, 6" (152mm) WIDE PRESSURE-SENSITIVE ELASTOFORM OR JOINT FLASHING, IN CONJUNCTION WITH EPDM PRIMER, MUST BE CENTERED OVER FIELD SPICE AT ANGLE CHANGE.
  - LAF SEALANT IS REQUIRED ON CUT-EDGES OF REINFORCED MEMBRANE.
  - SEAM FASTENING PLATES/FASTENERS ARE INSTALLED INTO THE STRUCTURAL DECK.
  - WHEN SEAM FASTENING PLATES/FASTENERS ARE INSTALLED HORIZONTALLY, HP FASTENERS AND POLYMER SEAM PLATES ARE REQUIRED FOR MECHANICALLY-FASTENED ROOFING SYSTEMS OVER STEEL DECK.
  - WHEN MECHANICAL FASTENERS ARE USED TO PENETRATE THE METAL COUNTER-FLASHING, USE EPDM WASHERS, APPLY WATER CUT-OFF MASTIC UNDER THE COUNTER-FLASHING OR CAULK THE FASTENER HEADS.
  - MEMBRANE SPLICES SHALL INCORPORATE 6" (152mm) WIDE FIELD APPLIED SecurTape FOR PROJECTS WITH 20, 25 AND 30-YEAR WARRANTIES.

## 3 CURB FLASHING

3" = 1'-0"

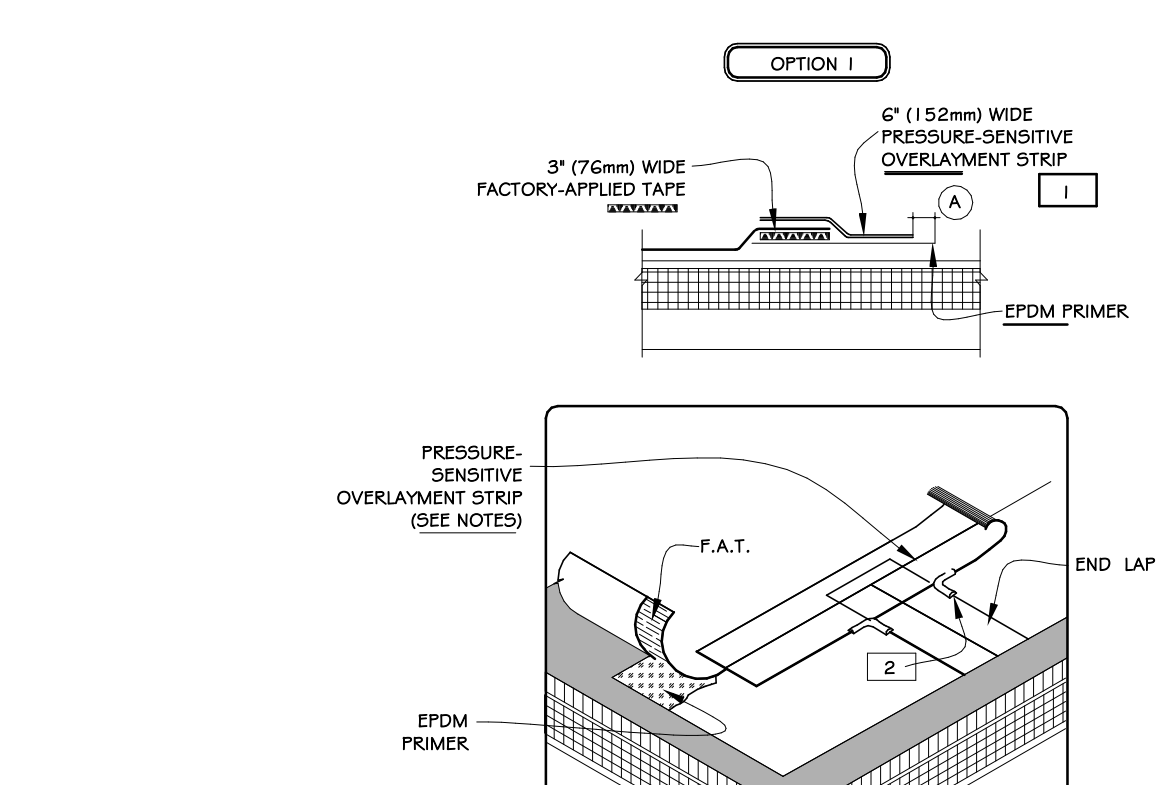
CAUTION DETAIL NOT FOR USE ON 25 AND 30-YEAR WARRANTY PROJECTS. ACCEPTABLE FLASHING SHALL CONFORM TO DETAILS U-SA OR U-SB.



- NOTES:
- WOOD NAULER MUST EXTEND PAST TOTAL WIDTH OF METAL CURB DECK FLANGE.
  - CONSULT THE RESPECTIVE MANUFACTURERS OF THE SELF-FLASHING METAL CURB FOR PROPER SEGMENT.
  - WATER CUT-OFF MASTIC MUST BE HELD UNDER CONSTANT COMPRESSION.
  - 7X9" (178mm x 229mm) PRESSURE-SENSITIVE CORNERS CANNOT BE INSTALLED ON THIS DETAIL DUE TO INCOMPLETE COVERAGE OF THE METAL FLANGE AT CORNERS. REFER TO DETAIL U-15F.

## 4 NEW SELF-FLASHING METAL CURB

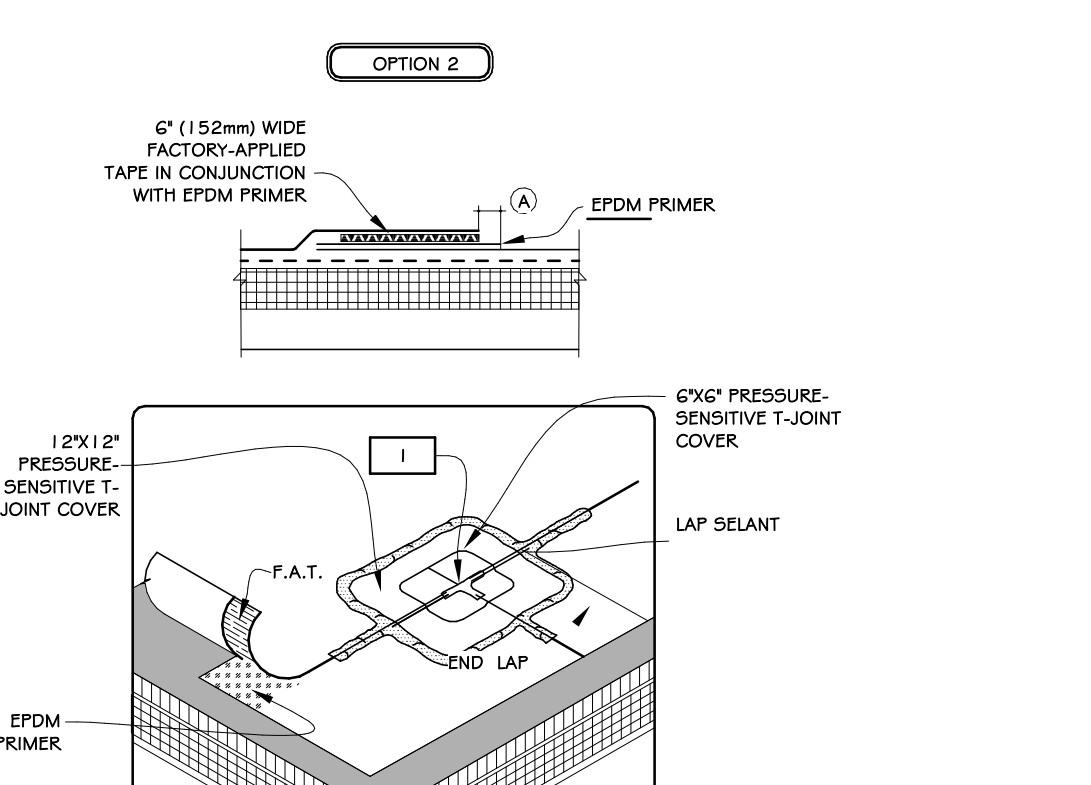
3" = 1'-0"



- NOTES:
- TAPE SPLICES MAY BE A MINIMUM 3" (76mm) WIDE FACTORY-APPLIED TAPE (F.A.T.). IN ADDITION, OVERLAP THE ENTIRE FIELD SPICE WITH A CONTINUOUS 6" (152mm) WIDE PRESSURE-SENSITIVE OVERLAPMENT STRIP.
  - APPLY LAF SEALANT AT ALL INTERSECTIONS BETWEEN PRESSURE-SENSITIVE OVERLAPMENT STRIP.

## 5 EPDM MEMBRANE SPLICES

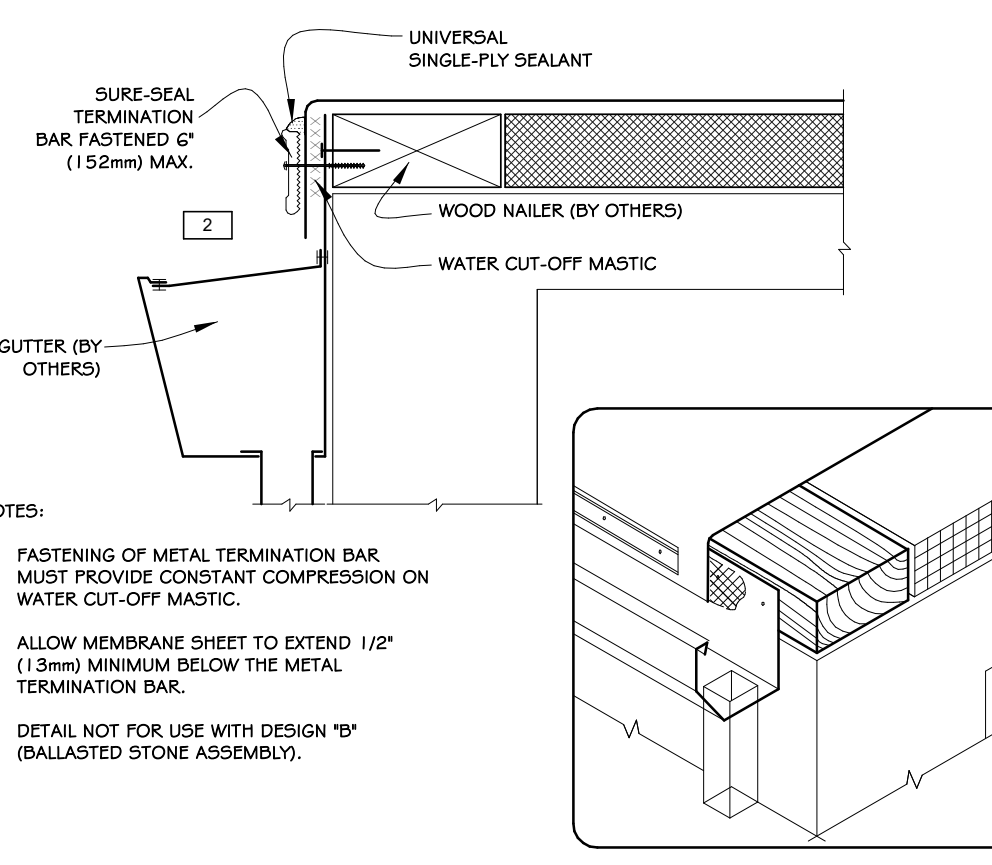
3" = 1'-0"



- NOTE:
- APPLY LAF SEALANT ALONG THE LEADING EDGE OF THE MEMBRANE SPICE COVERING 1/2" (13mm) IN ALL DIRECTIONS FROM THE SPICE INTERSECTION AND OVERLAP WITH A 6"x2" (152mm x 51mm) SECTION OF PRESSURE-SENSITIVE ELASTOFORM FLASHING. IN CONJUNCTION WITH A 12"x12" (305mm x 305mm) PRESSURE-SENSITIVE T-JOINT COVER IS REQUIRED.

## 6 EPDM MEMBRANE SPLICES

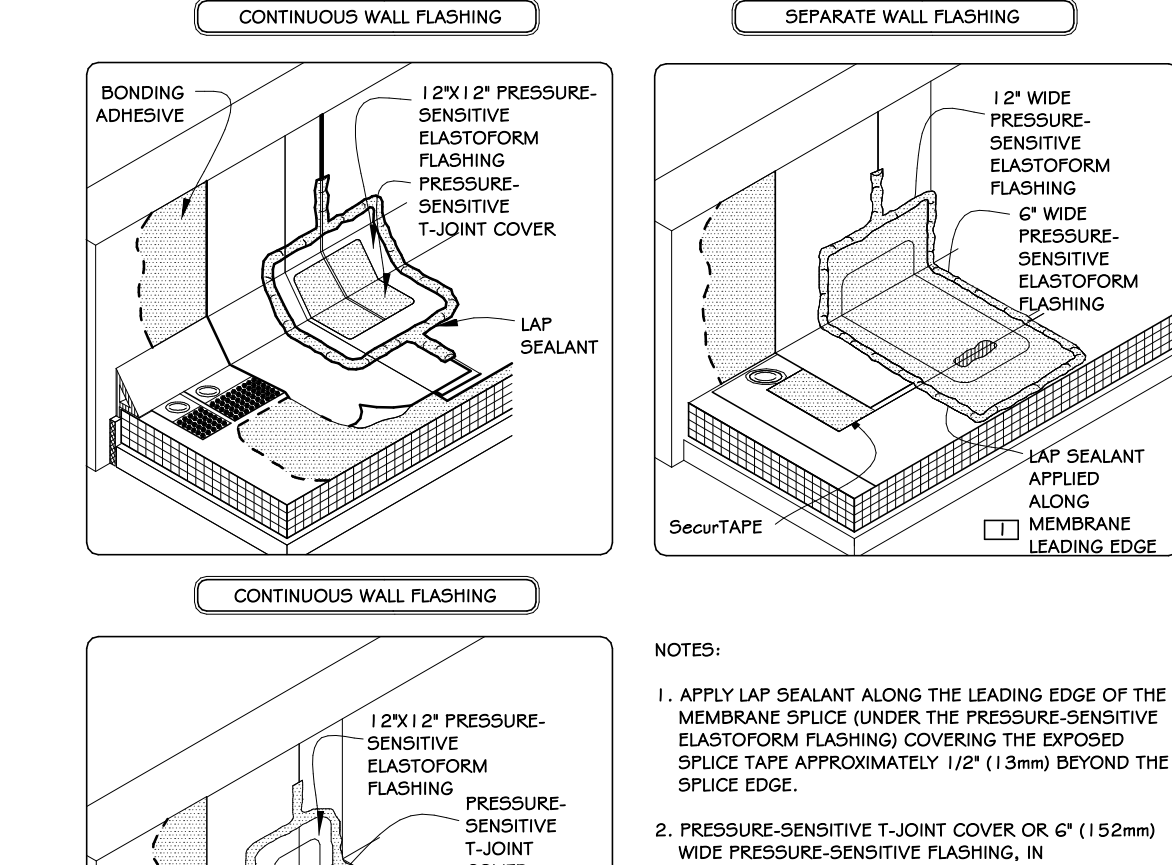
3" = 1'-0"



- NOTES:
- FASTENING OF METAL TERMINATION BAR MUST PROVIDE CONSTANT COMPRESSION ON WATER CUT-OFF MASTIC.
  - ALLOW MEMBRANE SHEET TO EXTEND 1/2" (13mm) MINIMUM BELOW THE METAL TERMINATION BAR.
  - DETAIL NOT FOR USE WITH DESIGN "B" (BALLASTED STONE ASSEMBLY).

## 6 METAL BAR EDGE TERMINATION

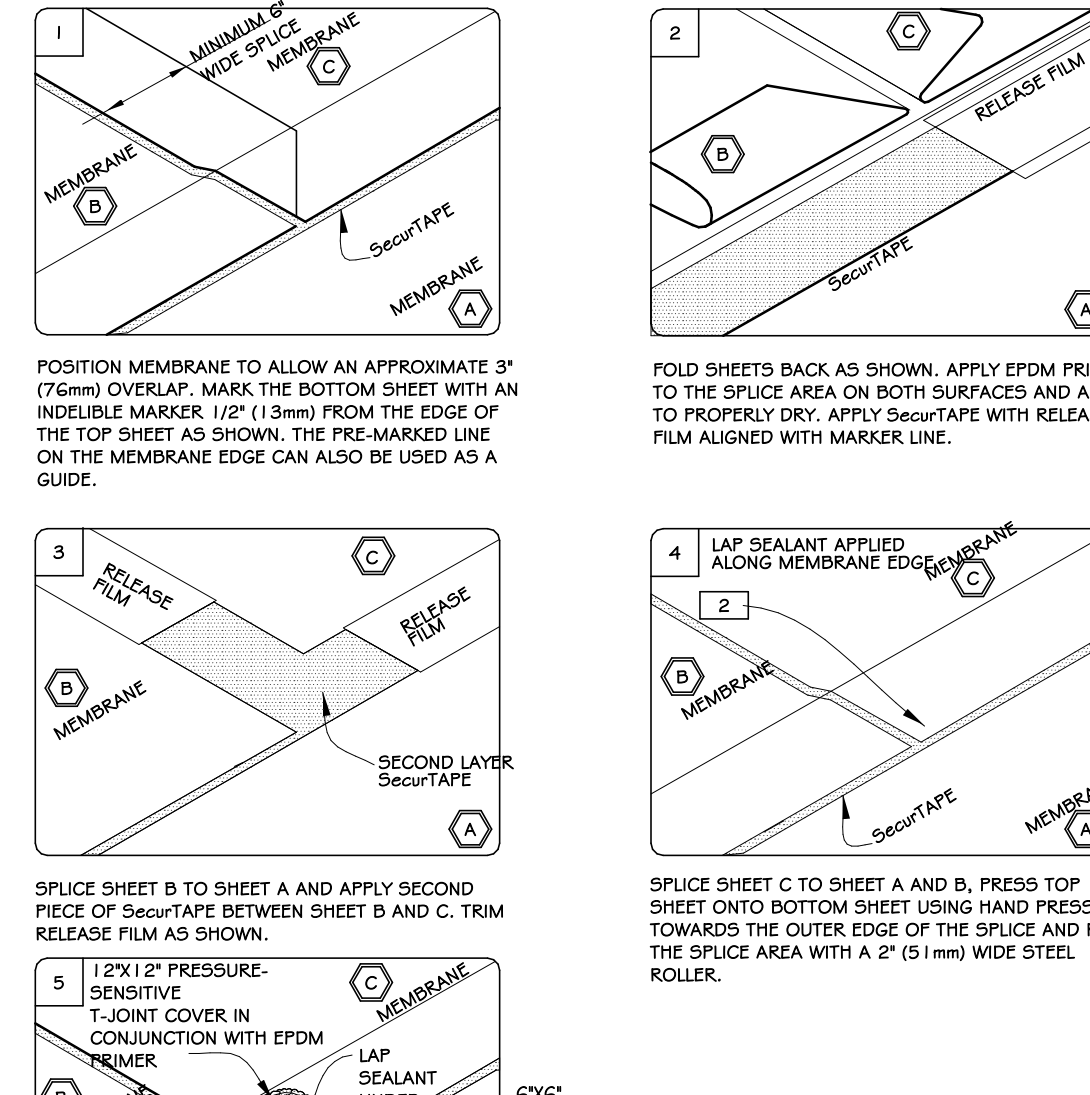
3" = 1'-0"



- NOTES:
- APPLY LAF SEALANT ALONG THE LEADING EDGE OF THE MEMBRANE SPICE UNDER THE PRESSURE-SENSITIVE ELASTOFORM FLASHING COVERING THE EXPOSED SPICE TAPE APPROXIMATELY 1/2" (13mm) BEYOND THE SPICE EDGE.
  - PRESSURE-SENSITIVE T-JOINT COVER OR 6" (152mm) WIDE PRESSURE-SENSITIVE ELASTOFORM FLASHING, IN CONJUNCTION WITH EPDM PRIMER, MUST BE CENTERED OVER FIELD SPLICES AT THE ANGLE CHANGE. PROJECTS WITH 25 AND 30-YEAR WARRANTIES OR WHEN USING 30-MIL MEMBRANE REQUIRE FIELD SPLICES TO BE OVERLAP WITH TWO LAYERS OF PRESSURE-SENSITIVE ELASTOFORM FLASHING. THE BOTTOM LAYER SHALL BE 6" (152mm) WIDE COVERED WITH A 12" WIDE TOP LAYER (305mm). BOTH LAYERS SHALL BE CENTERED AND SEALED WITH CONTINUOUS LAF SEALANT.

## 7 EPDM MEMBRANE SPLICES AT ANGLE

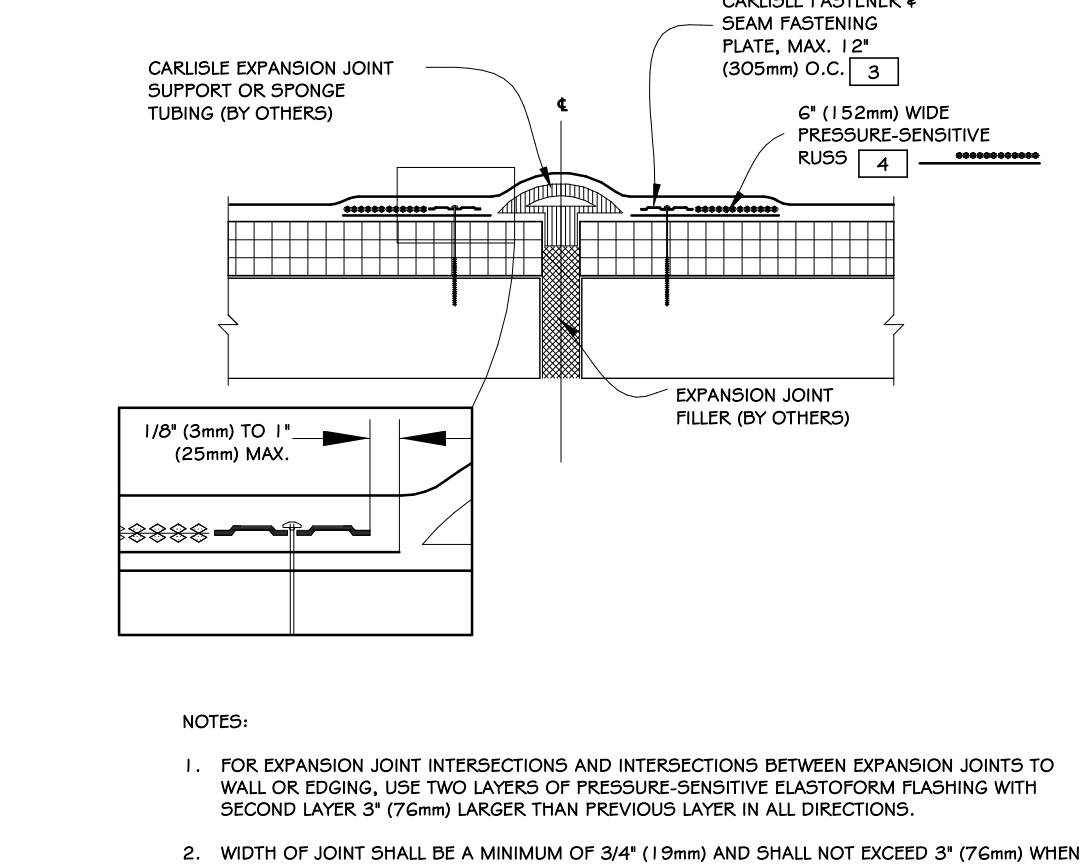
3" = 1'-0"



- NOTES:
- FOR EXPANSION JOINT INTERSECTIONS AND INTERSECTIONS BETWEEN EXPANSION JOINTS TO WALL OR EDGING, USE TWO LAYERS OF PRESSURE-SENSITIVE ELASTOFORM FLASHING WITH SECOND LAYER 3" (76mm) LARGER THAN PREVIOUS LAYER IN ALL DIRECTIONS.
  - WIDTH OF JOINT SHALL BE A MINIMUM OF 3/4" (19mm) AND SHALL NOT EXCEED 3" (76mm) WHEN CARLISLE EXPANSION JOINT SUPPORT IS USED.
  - ON MECHANICALLY FASTENED SYSTEMS, HP FASTENERS AND POLYMER SEAM PLATES ARE REQUIRED OVER STEEL DECK.
  - EPDM PRIMER MUST BE APPLIED TO BACK SIDE OF DECK MEMBRANE PRIOR TO COMPLETING SPLICE TO PRESSURE-SENSITIVE RUSS.

## 8 SECURTAPE SPICE INTERSECTION

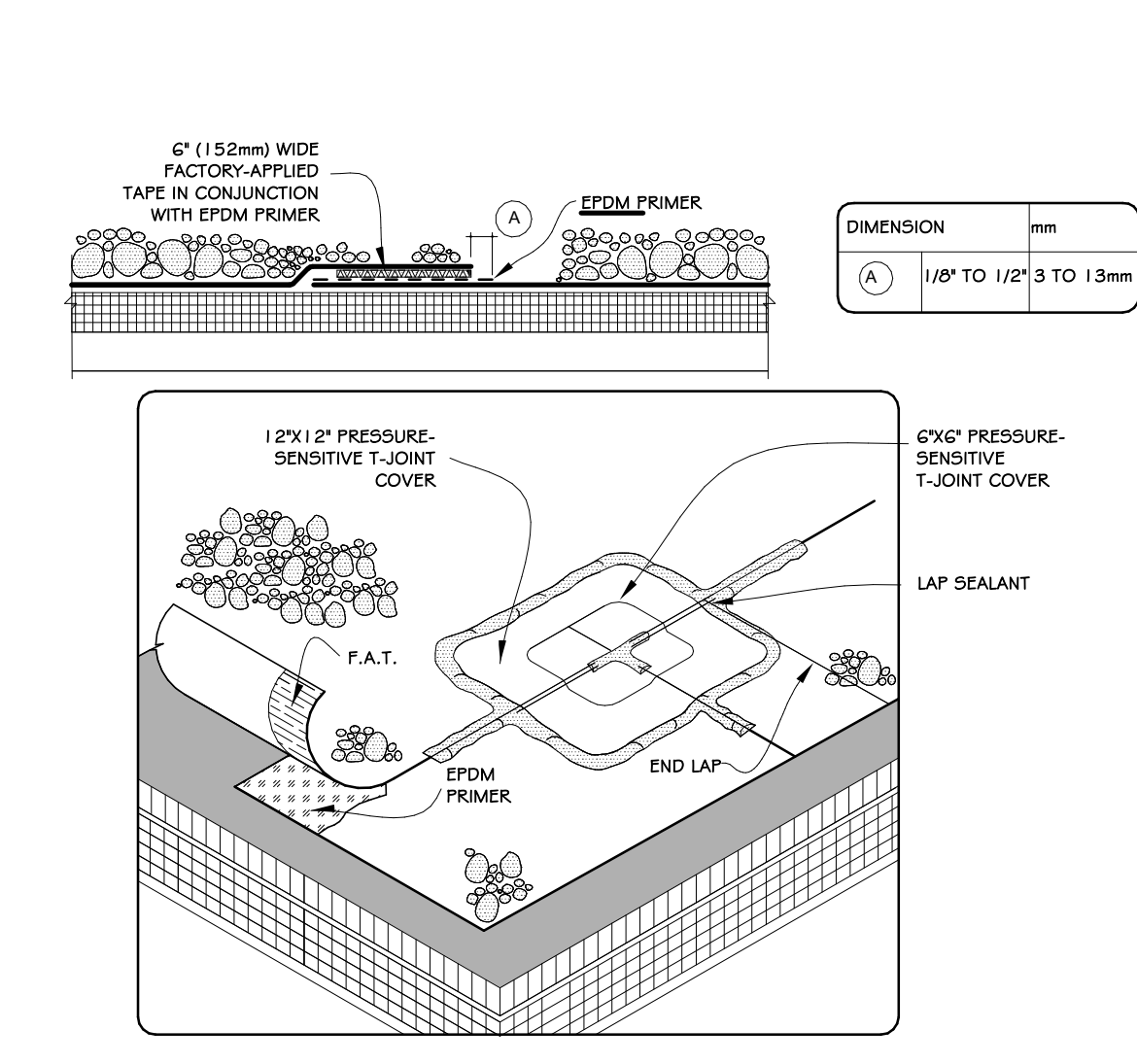
3" = 1'-0"



- NOTES:
- FOR EXPANSION JOINT INTERSECTIONS AND INTERSECTIONS BETWEEN EXPANSION JOINTS TO WALL OR EDGING, USE TWO LAYERS OF PRESSURE-SENSITIVE ELASTOFORM FLASHING WITH SECOND LAYER 3" (76mm) LARGER THAN PREVIOUS LAYER IN ALL DIRECTIONS.
  - WIDTH OF JOINT SHALL BE A MINIMUM OF 3/4" (19mm) AND SHALL NOT EXCEED 3" (76mm) WHEN CARLISLE EXPANSION JOINT SUPPORT IS USED.
  - ON MECHANICALLY FASTENED SYSTEMS, HP FASTENERS AND POLYMER SEAM PLATES ARE REQUIRED OVER STEEL DECK.
  - EPDM PRIMER MUST BE APPLIED TO BACK SIDE OF DECK MEMBRANE PRIOR TO COMPLETING SPLICE TO PRESSURE-SENSITIVE RUSS.

## 9 DECK-TO-DECK EXPANSION JOINT

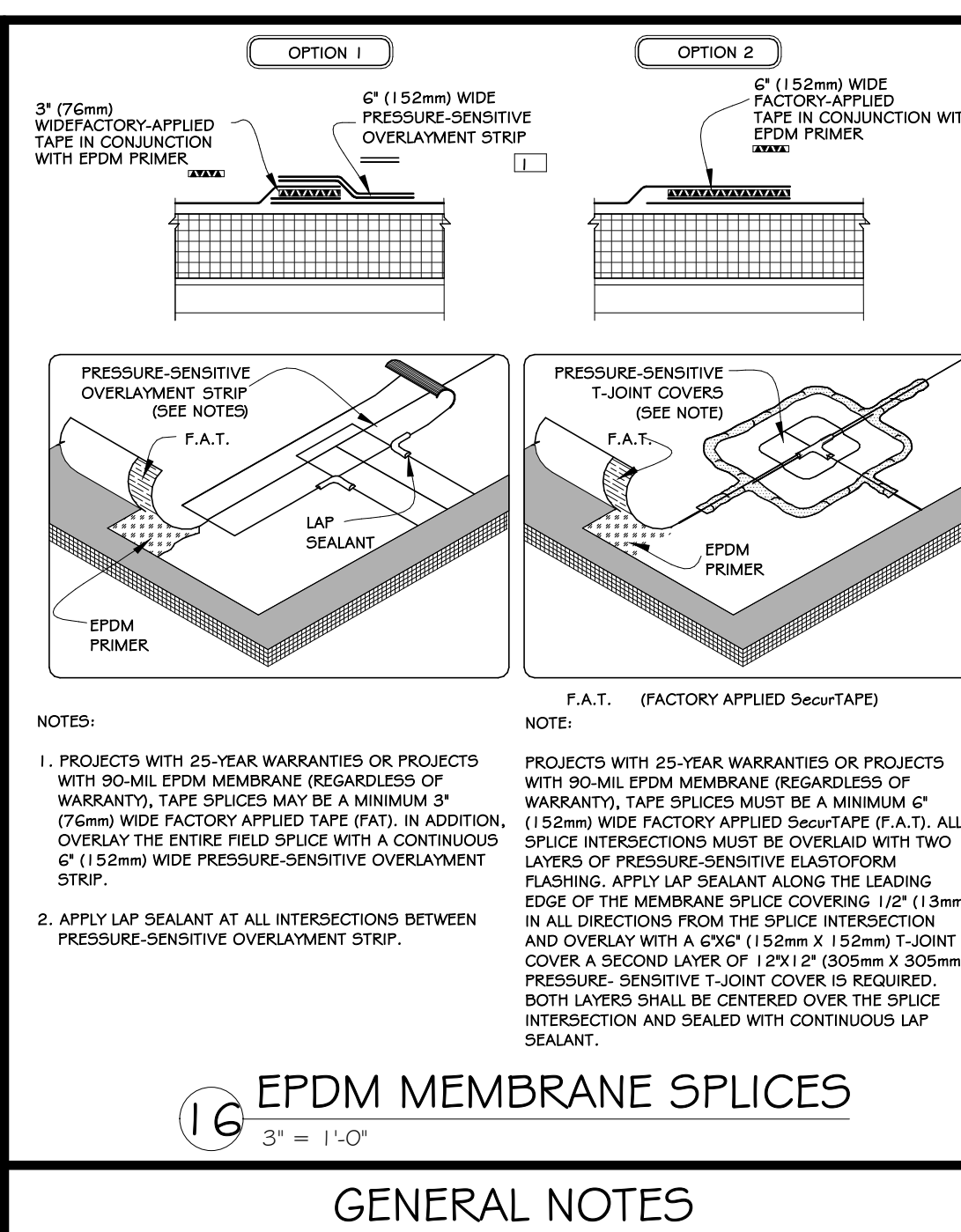
3" = 1'-0"



- NOTES:
- ALL SPICE INTERSECTIONS MUST BE OVERLAP WITH TWO LAYERS OF PRESSURE-SENSITIVE ELASTOFORM FLASHING.
  - APPLY LAF SEALANT ALONG THE LEADING EDGE OF THE MEMBRANE SPICE COVERING 1/2" (13mm) IN ALL DIRECTIONS FROM THE SPICE INTERSECTION AND OVERLAP WITH A 6"x2" (152mm x 51mm) SECTION OF PRESSURE-SENSITIVE ELASTOFORM FLASHING. IN CONJUNCTION WITH A 12"x12" (305mm x 305mm) PRESSURE-SENSITIVE T-JOINT COVER IS REQUIRED.
  - BOTH LAYERS SHALL BE CENTERED OVER THE SPICE INTERSECTION AND SEALED WITH CONTINUOUS LAF SEALANT.

## 10 MEMBRANE SPICE

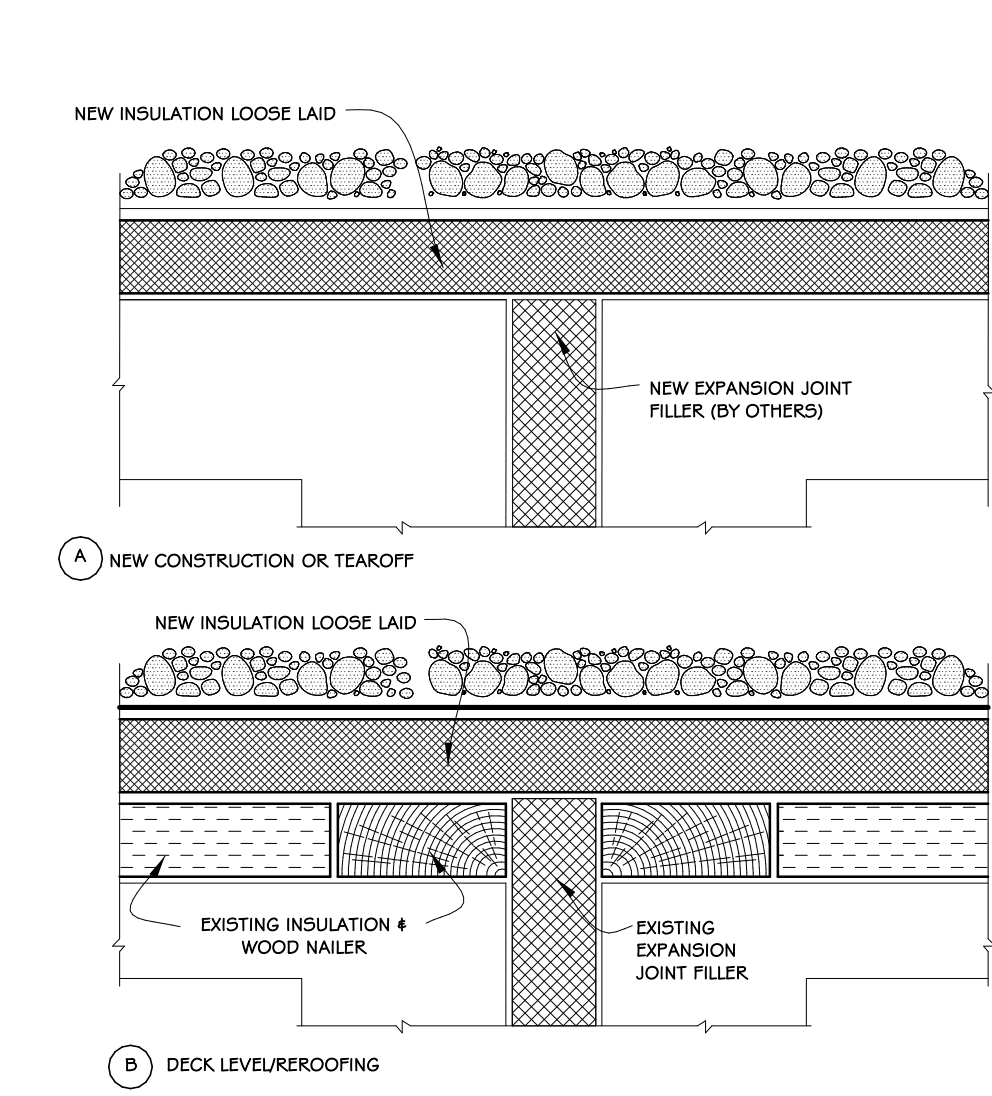
3" = 1'-0"



- NOTES:
- PROJECTS WITH 25-YEAR WARRANTIES OR PROJECTS WITH 30-MIL EPDM MEMBRANE REGARDLESS OF WARRANTY, TAPE SPLICES MUST BE A MINIMUM 3" (76mm) WIDE FACTORY-APPLIED TAPE (F.A.T.). ALL OVERLAP THE ENTIRE FIELD SPICE WITH A CONTINUOUS 6" (152mm) WIDE PRESSURE-SENSITIVE OVERLAPMENT STRIP.
  - APPLY LAF SEALANT AT ALL INTERSECTIONS BETWEEN PRESSURE-SENSITIVE OVERLAPMENT STRIP.

## 11 EPDM MEMBRANE SPLICES

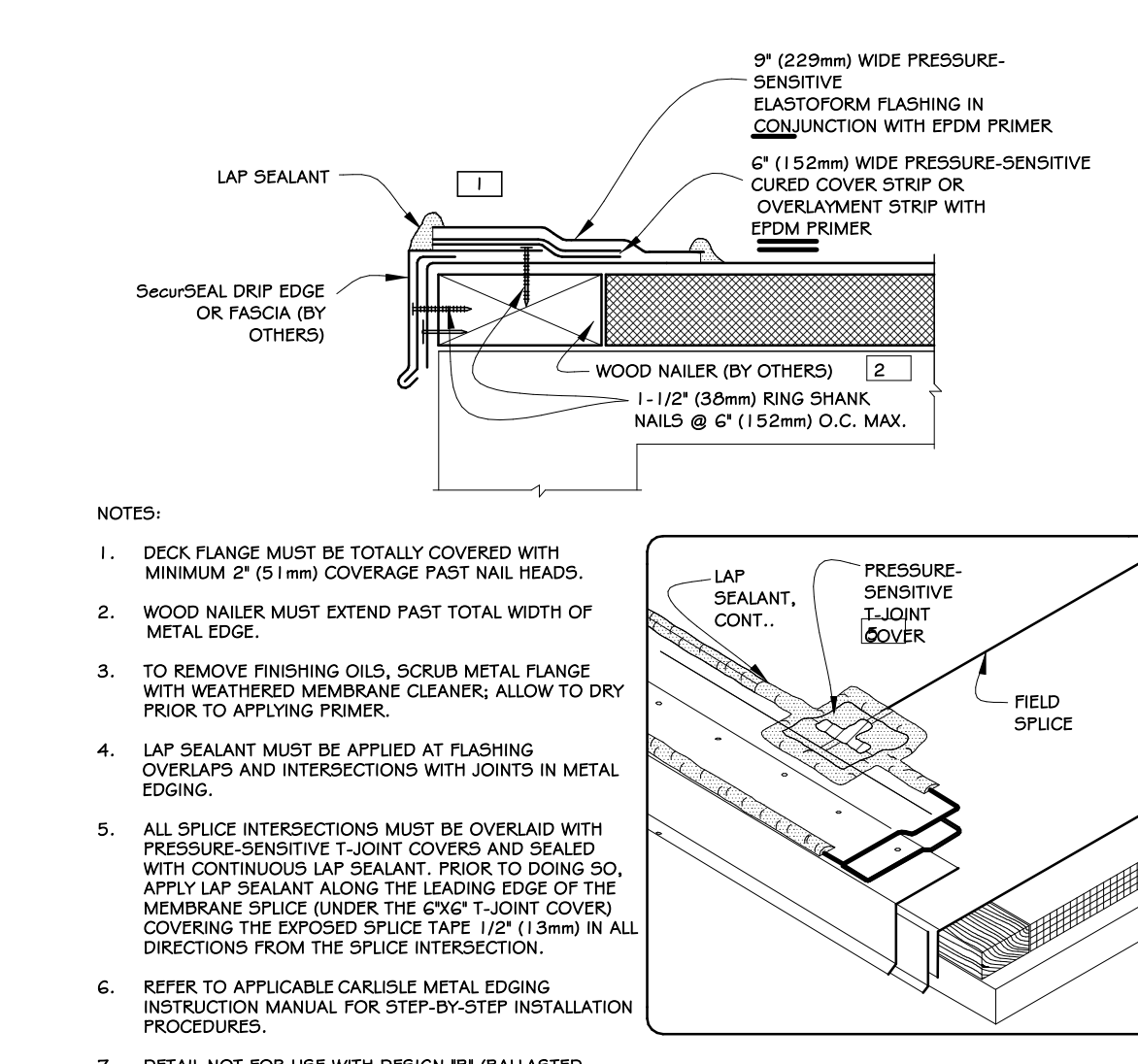
3" = 1'-0"



- NOTE:
- ANY U-3 EXPANSION JOINT DETAIL CAN BE USED WITH THE "B" SYSTEM (BALLASTED STONE ASSEMBLY).

## 11 DECK EXPANSION JOINT

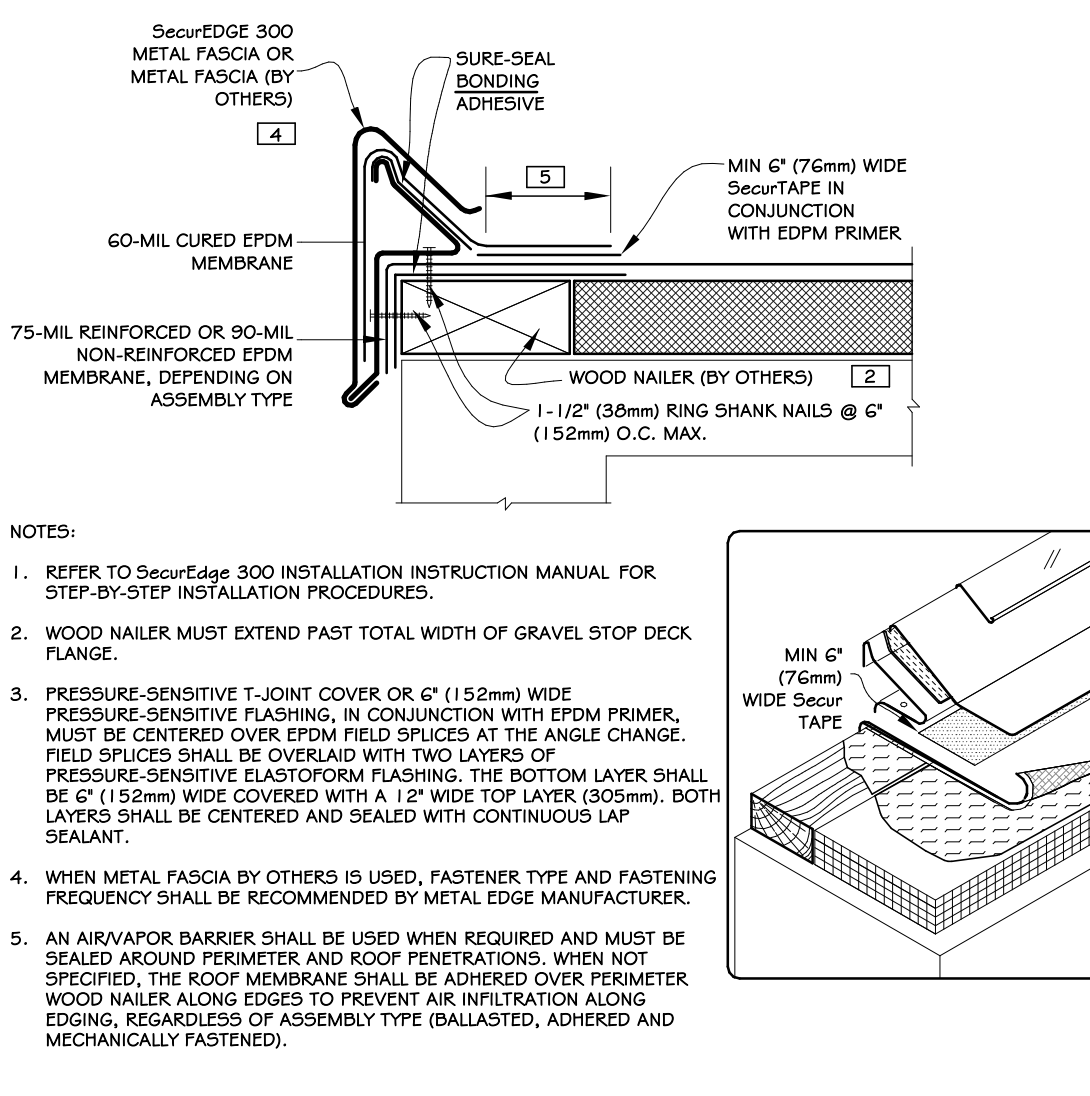
3" = 1'-0"



- NOTES:
- DECK FLANGE MUST BE TOTALLY COVERED WITH MINIMUM 6" (152mm) COVERAGE PAST NAIL HEADS.
  - WOOD NAULER MUST EXTEND PAST TOTAL WIDTH OF METAL EDGE.
  - TO REMOVE FLASHING RISKS, SCRUB METAL FLANGE WITH WEATHERED MEMBRANE CLEANER, ALLOW TO DRY PRIOR TO APPLYING PRIMER.
  - LAF SEALANT MUST BE APPLIED AT FLASHING OVERLAPS AND INTERSECTIONS WITH JOINTS IN METAL EDGING.
  - ALL SPICE INTERSECTIONS MUST BE OVERLAP WITH PRESSURE-SENSITIVE T-JOINT COVERS AND SEALED WITH CONTINUOUS LAF SEALANT. PRIOR TO APPLYING LAF SEALANT, APPLY LAF SEALANT ALONG THE LEADING EDGE OF THE MEMBRANE SPICE UNDER THE T-JOINT COVERS COVERING THE EXPOSED SPICE TAPE 1/2" (13mm) IN ALL DIRECTIONS FROM THE SPICE INTERSECTION.
  - REFER TO APPLICABLE CARLISLE METAL EDGING INSTALLATION MANUAL FOR STEP-BY-STEP INSTALLATION PROCEDURES.
  - DETAIL NOT FOR USE WITH DESIGN "B" (BALLASTED STONE ASSEMBLY).

## 12 SECURESEAL DRIP EDGE FASCIA

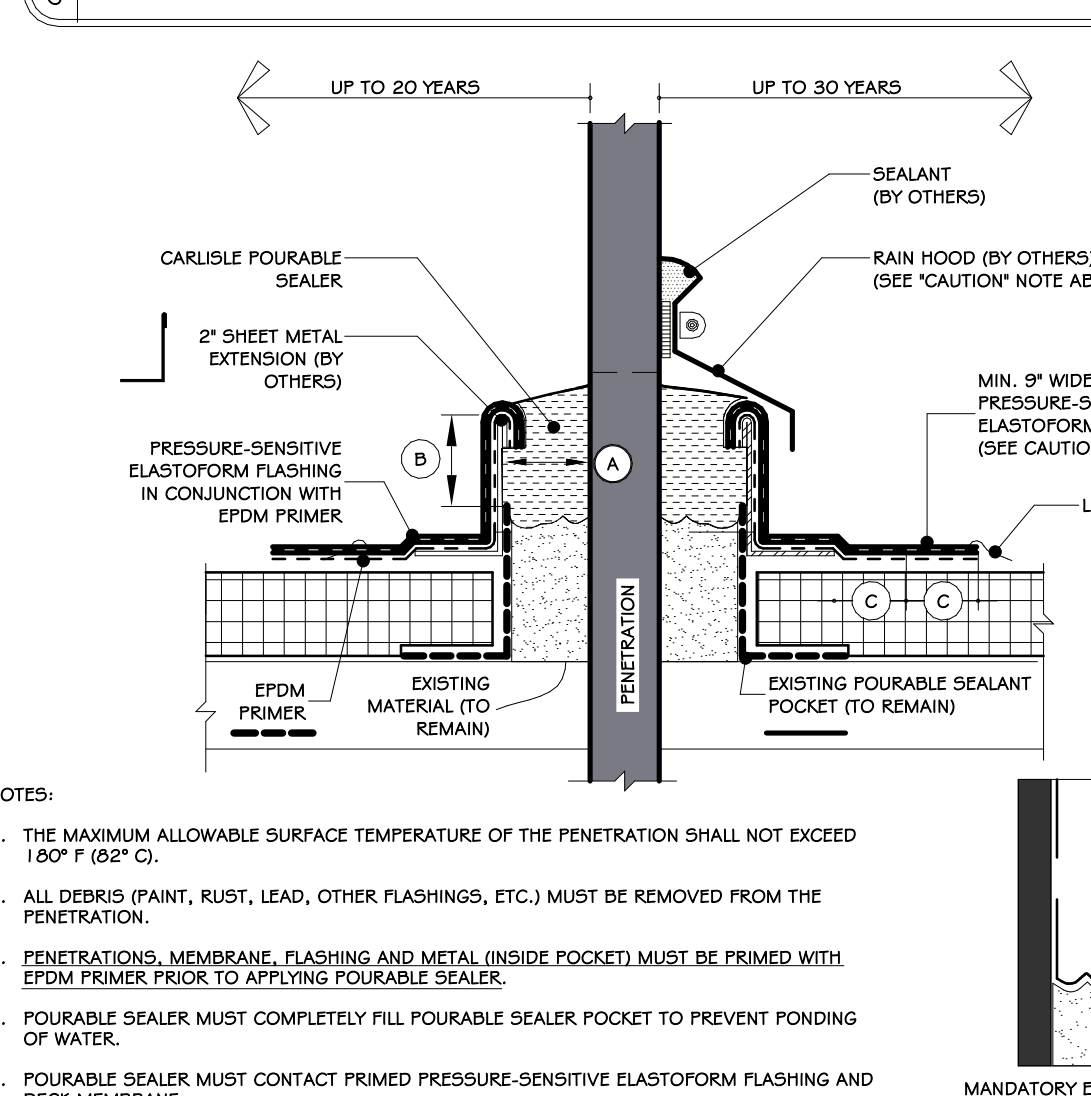
3" = 1'-0"



- NOTES:
- REFER TO SecurTape 300 INSTALLATION INSTRUCTION MANUAL FOR STEP-BY-STEP INSTALLATION PROCEDURES.
  - WOOD NAULER MUST EXTEND PAST TOTAL WIDTH OF GRAVEL STOP DECK FLANGE.
  - PRESSURE-SENSITIVE T-JOINT COVER OR 6" (152mm) WIDE PRESSURE-SENSITIVE ELASTOFORM FLASHING, IN CONJUNCTION WITH EPDM PRIMER, MUST BE CENTERED OVER FIELD SPLICES AT THE ANGLE CHANGE. PROJECTS WITH 25 AND 30-YEAR WARRANTIES OR WHEN USING 30-MIL MEMBRANE REQUIRE FIELD SPLICES TO BE OVERLAP WITH TWO LAYERS OF PRESSURE-SENSITIVE ELASTOFORM FLASHING. THE BOTTOM LAYER SHALL BE 6" (152mm) WIDE COVERED WITH A 12" WIDE TOP LAYER (305mm). BOTH LAYERS SHALL BE CENTERED AND SEALED WITH CONTINUOUS LAF SEALANT.
  - WHEN METAL FASCIA BY OTHERS IS USED, FASTENER TYPE AND FASTENING FREQUENCY SHALL BE RECOMMENDED BY METAL EDGE MANUFACTURER.
  - AN AIR/VAPOR BARRIER SHALL BE USED WHEN REQUIRED AND MUST BE SEALED AROUND PERIMETER AND ROOF PENETRATIONS. WHEN NOT SPECIFIED, THE ROOF MEMBRANE SHALL BE ADHERED OVER PERIMETER. WOOD NAULER ALONG EDGES TO PREVENT AIR INFILTRATION ALONG EDGING, REGARDLESS OF ASSEMBLY TYPE (BALLASTED, ADHERED AND MECHANICALLY FASTENED).

## 13 CARLISLE SECUREEDGE

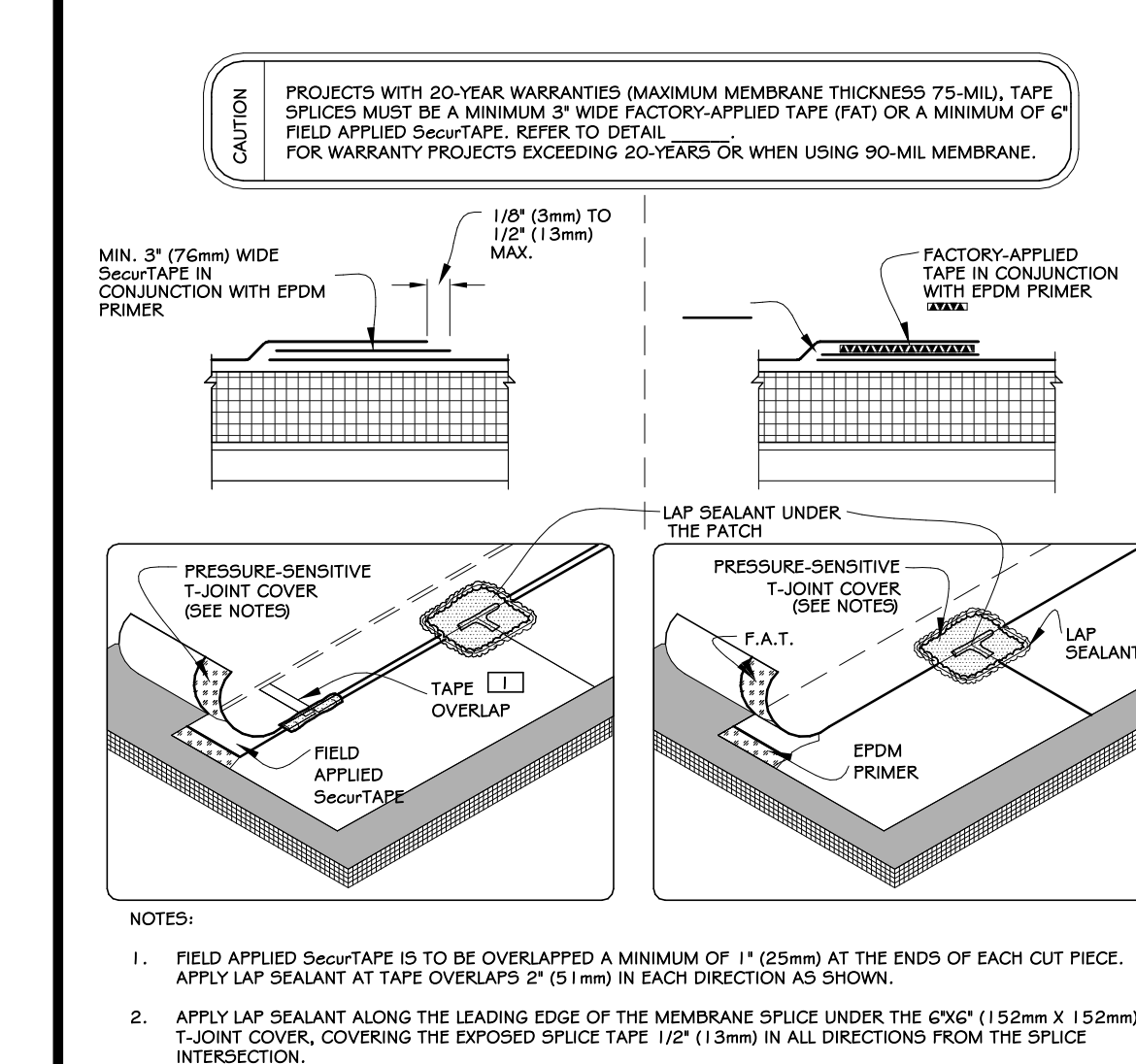
3" = 1'-0"



- NOTES:
- THE MAXIMUM ALLOWABLE SURFACE TEMPERATURE OF THE PENETRATION SHALL NOT EXCEED 160°F (65°C).
  - ALL DEBRIS (PAINT, RUST, LEAD, OTHER FLASHINGS, ETC.) MUST BE REMOVED FROM THE PENETRATION.
  - PENETRATIONS, MEMBRANE, FLASHING AND METAL (INSIDE POCKETS) MUST BE PRIMED WITH EPDM PRIMER PRIOR TO APPLYING POURABLE SEALER.
  - POURABLE SEALER MUST COMPLETELY FILL POURABLE SEALER POCKET TO PREVENT PONDING OF WATER.
  - SHAPE METAL DAM TO FIT EXISTING FITCH POCKET.
  - SECUREMENT IS REQUIRED FOR POURABLE SEALER POCKETS WHICH ARE GREATER THAN 1/8" (4.7mm) IN DIAMETER. REFER TO SPECIFICATIONS.
  - ON MECHANICALLY-FASTENED ROOFING SYSTEMS, ADDITIONAL MEMBRANE SECUREMENT IS REQUIRED (SIMILAR TO DETAIL UF-SA) REGARDLESS OF SIZE OR DIAMETER.
  - PIPE CLUSTERS MUST HAVE MINIMUM 1" (25mm) CLEARANCE BETWEEN PENETRATIONS.

## 14 EXTENDED POURABLE SEALER

1 1/2" = 1'-0"



- NOTES:
- FIELD APPLIED SecurTape IS TO BE OVERLAPPED A MINIMUM OF 1" (25mm) AT THE ENDS OF EACH CUT PIECE. APPLY LAF SEALANT AT TAPE OVERLAPS 2" (51mm) IN EACH DIRECTION AS SHOWN.
  - APPLY LAF SEALANT ALONG THE LEADING EDGE OF THE MEMBRANE SPICE UNDER THE 6"x2" (152mm x 51mm) T-JOINT COVER, COVERING THE EXPOSED SPICE TAPE 1/2" (13mm) IN ALL DIRECTIONS FROM THE SPICE INTERSECTION.
  - 6" (152mm) WIDE PRESSURE-SENSITIVE ELASTOFORM FLASHING, IN CONJUNCTION WITH EPDM PRIMER, MAY ALSO BE CENTERED OVER THE INTERSECTING POINT OF THE LEADING EDGES OF THE FIELD SPICE INTERSECTION.
  - LAF SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED EPDM MEMBRANE.

## 15 EPDM MEMBRANE SPLICES

3" = 1'-0"

100%

BID DOCUMENTS

REVISIONS:

NUM.	DATE	DESCRIPTION

ADG ARCHITECTS

ARCHITECTURE • PLANNING • INTERIORS

Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

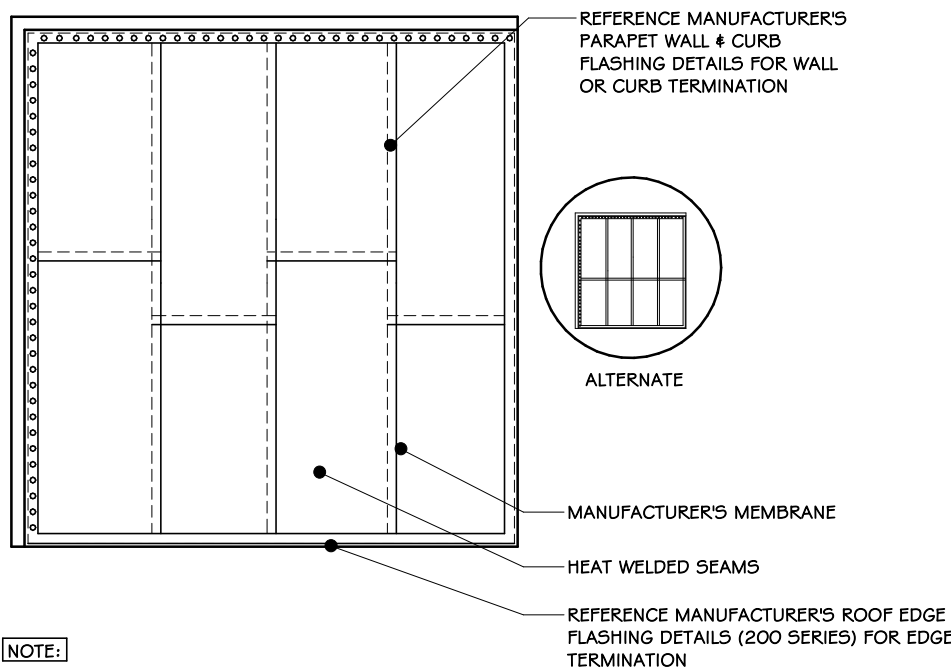
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Project: 23138  
Date: 02/24/25

Drawn: IDEA  
Scale: AS NOTED

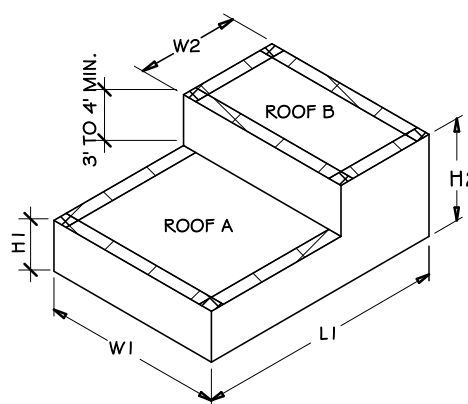
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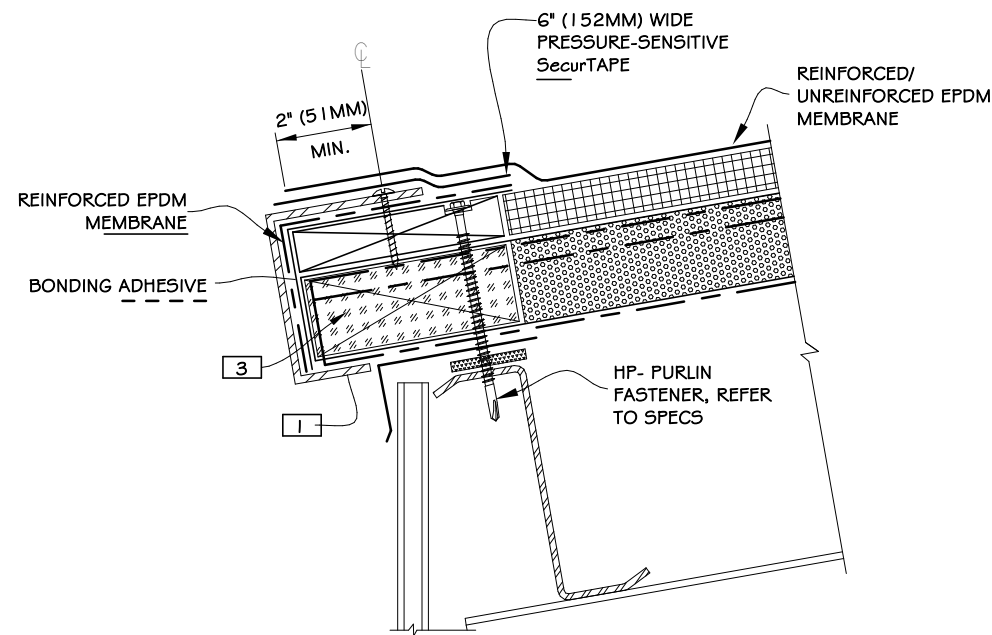
## 1 ROOF MEMBRANE LAYOUT

3/4" = 1'-0"



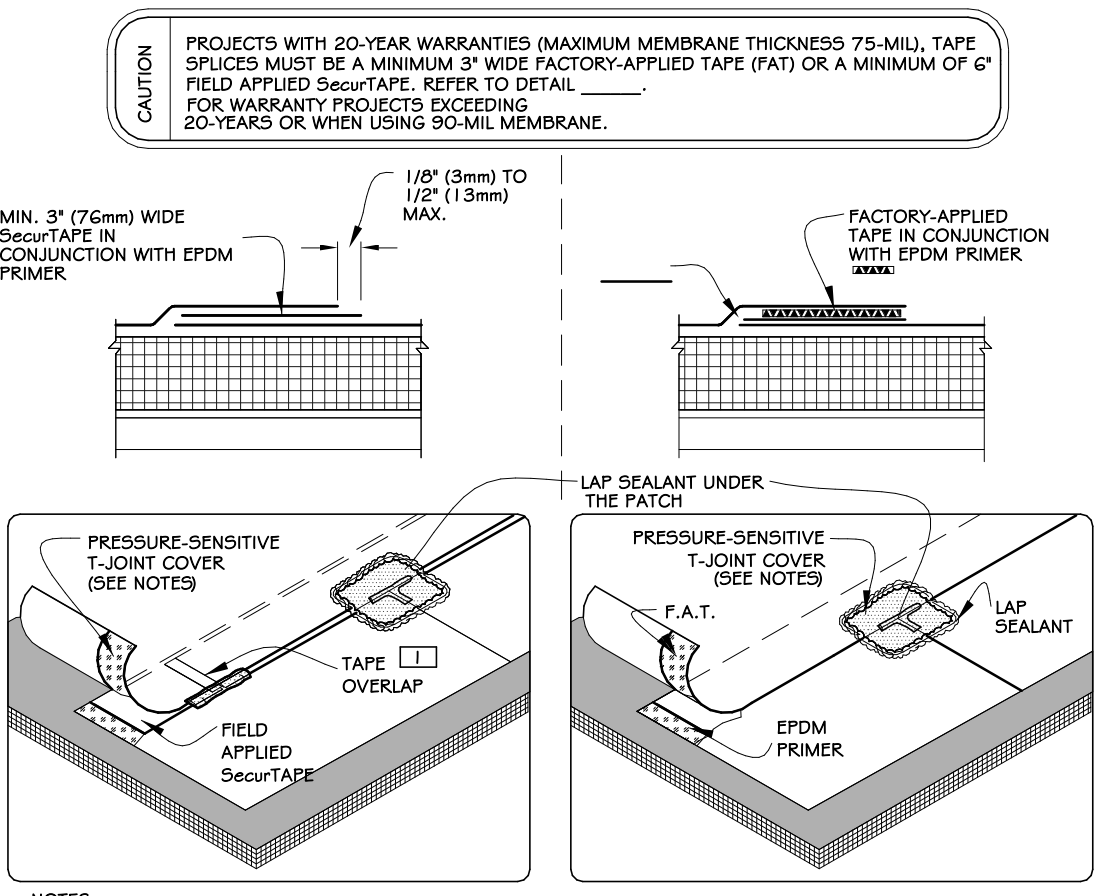
## 2 ROOF AREA ZONE LAYOUT

3/4" = 1'-0"



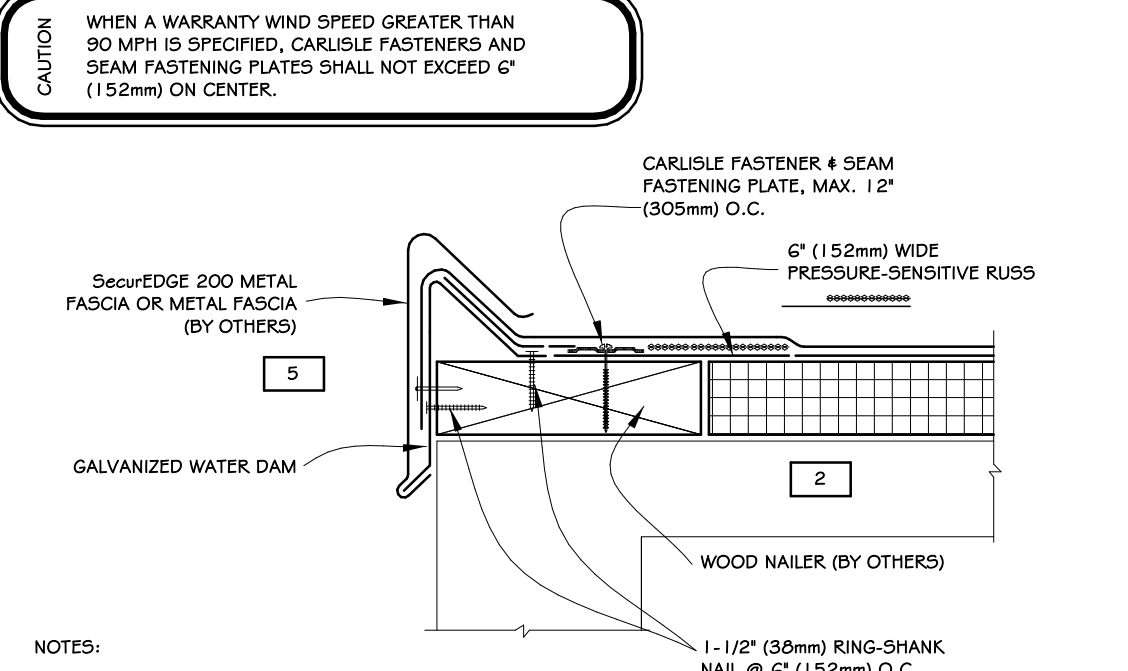
## 3 EAVE-RAKE EDGE HEAVY GAUGE FASCIA

3" = 1'-0"



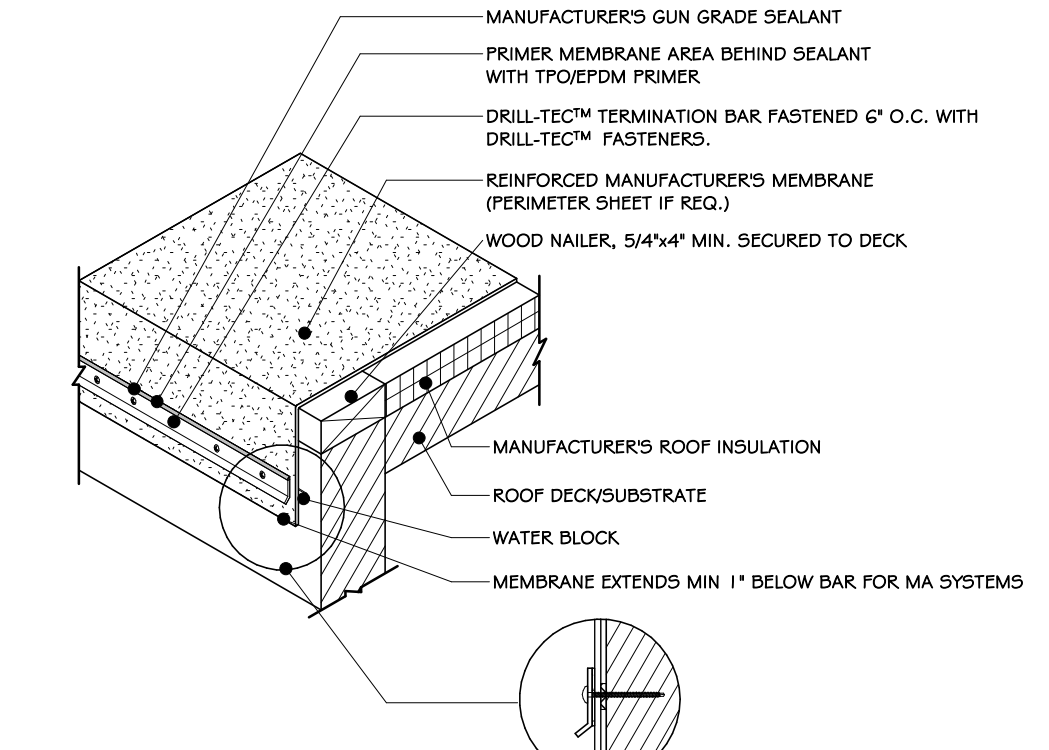
## 4 EPDM MEMBRANE SPLICES

3" = 1'-0"



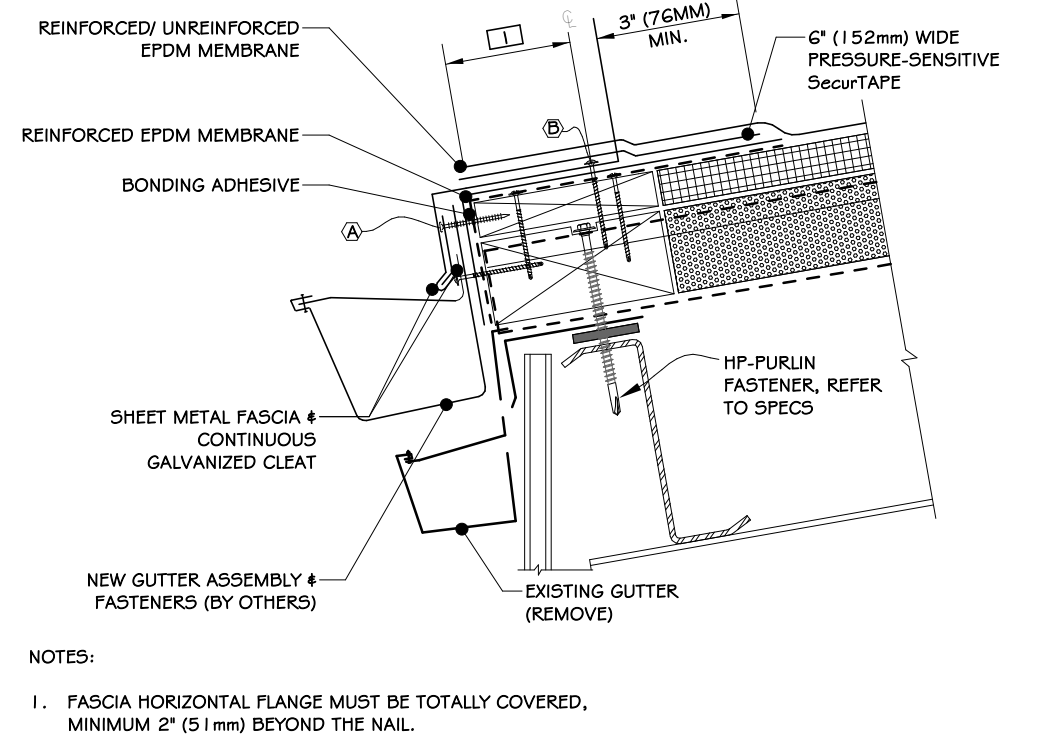
## 5 SECURE EDGE

3" = 1'-0"



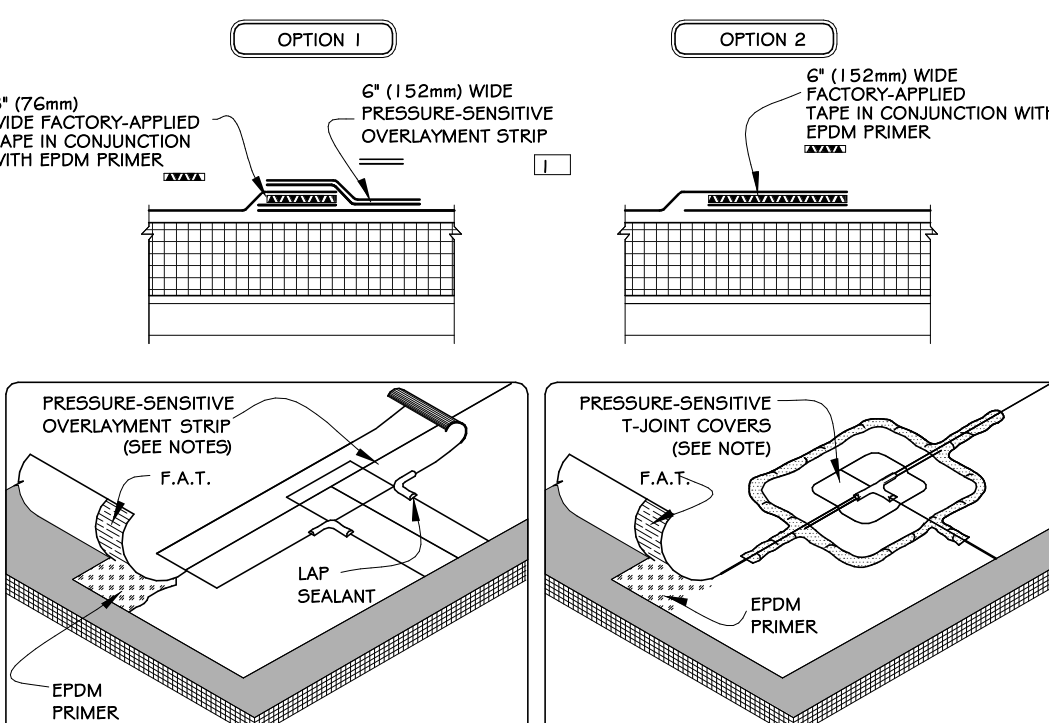
## 6 TERMINATION BAR @ ROOF EDGE

3/4" = 1'-0"



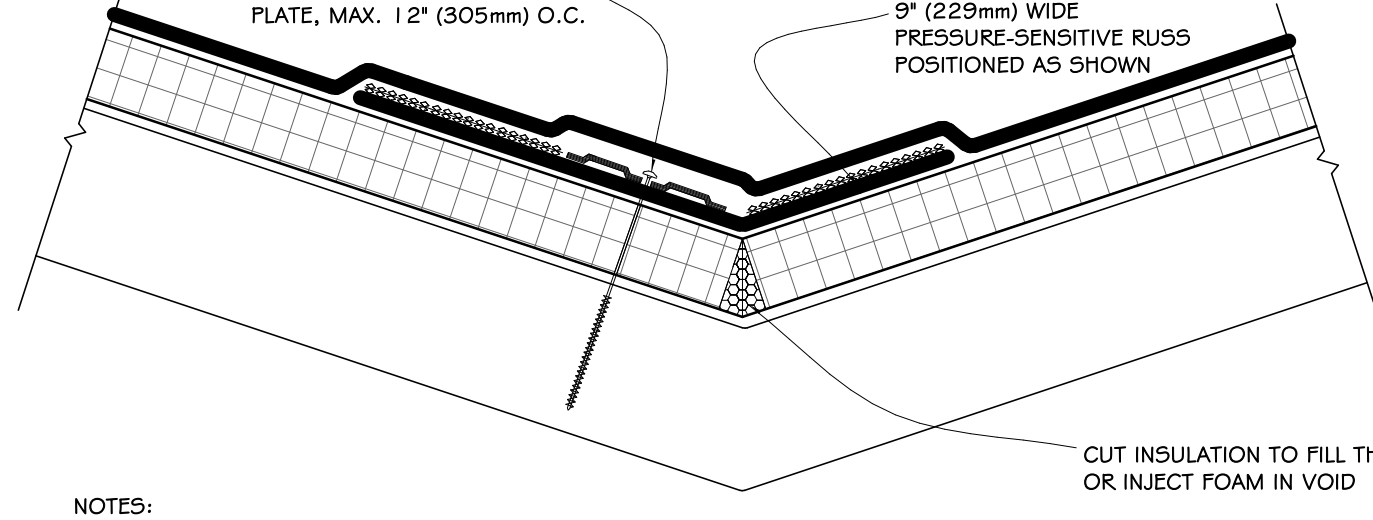
## 7 GUTTER WITH FASCIA

3" = 1'-0"



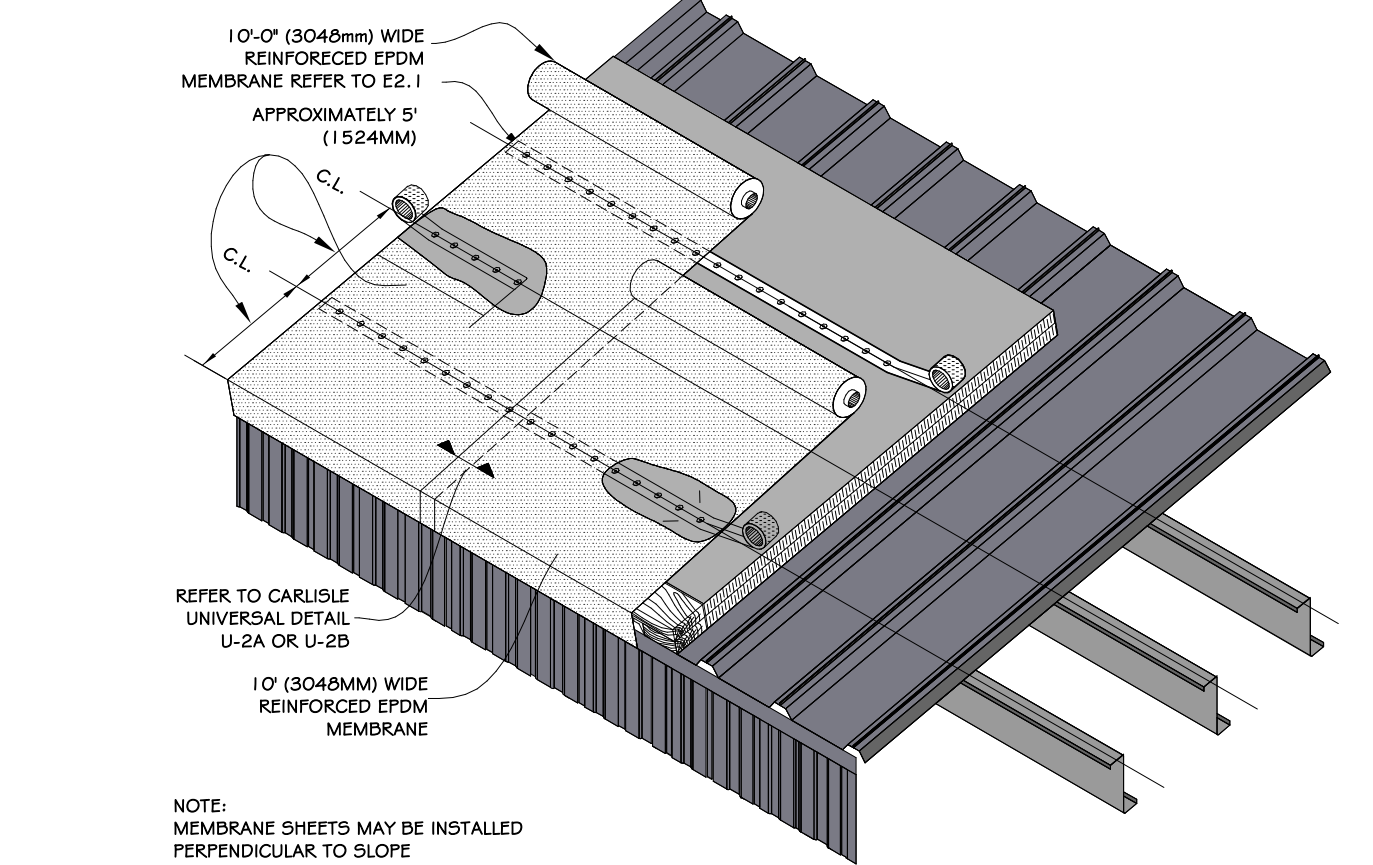
## 8 EPDM MEMBRANE SPLICES

3" = 1'-0"



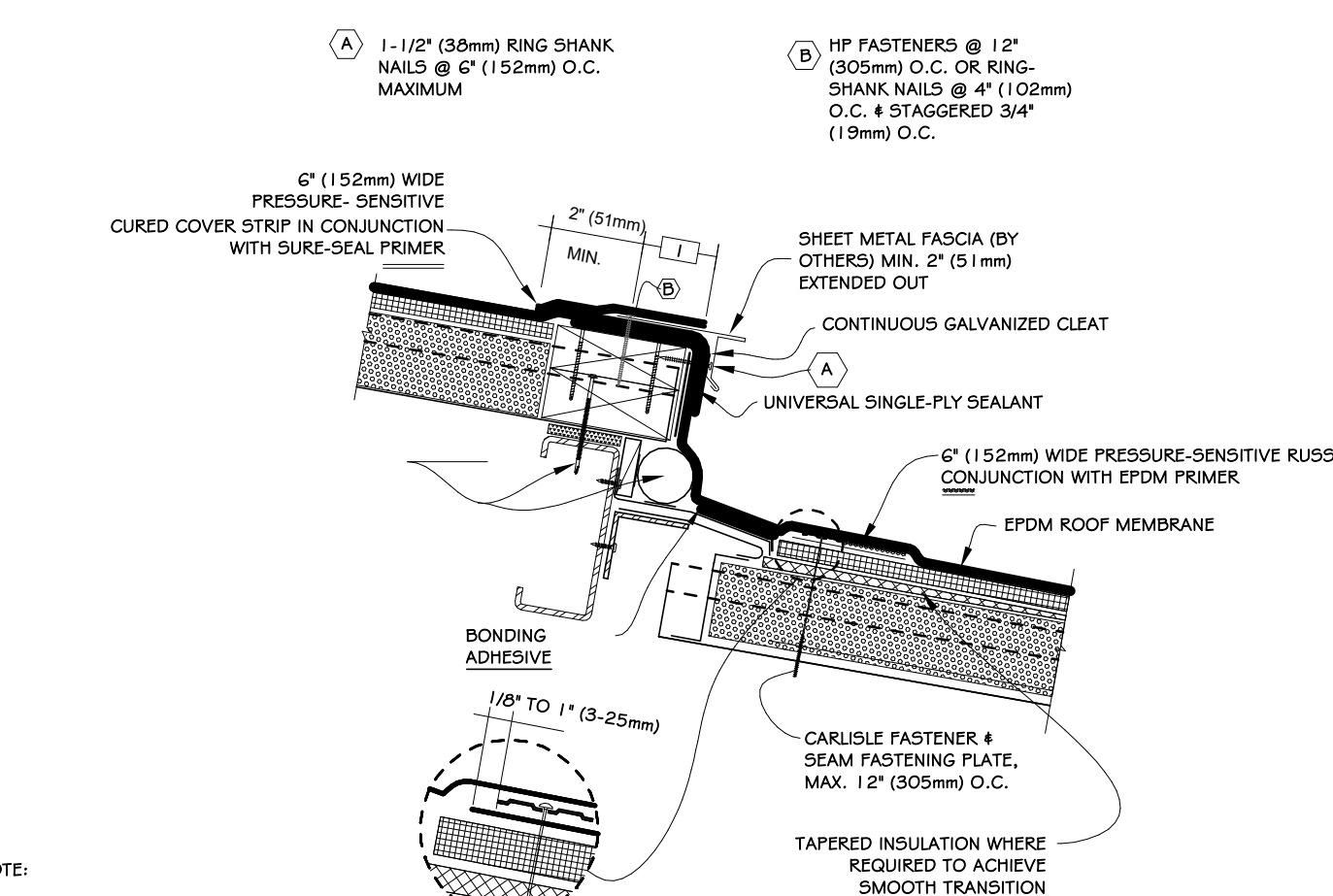
## 9 VALLEY

1 1/2" = 1'-0"



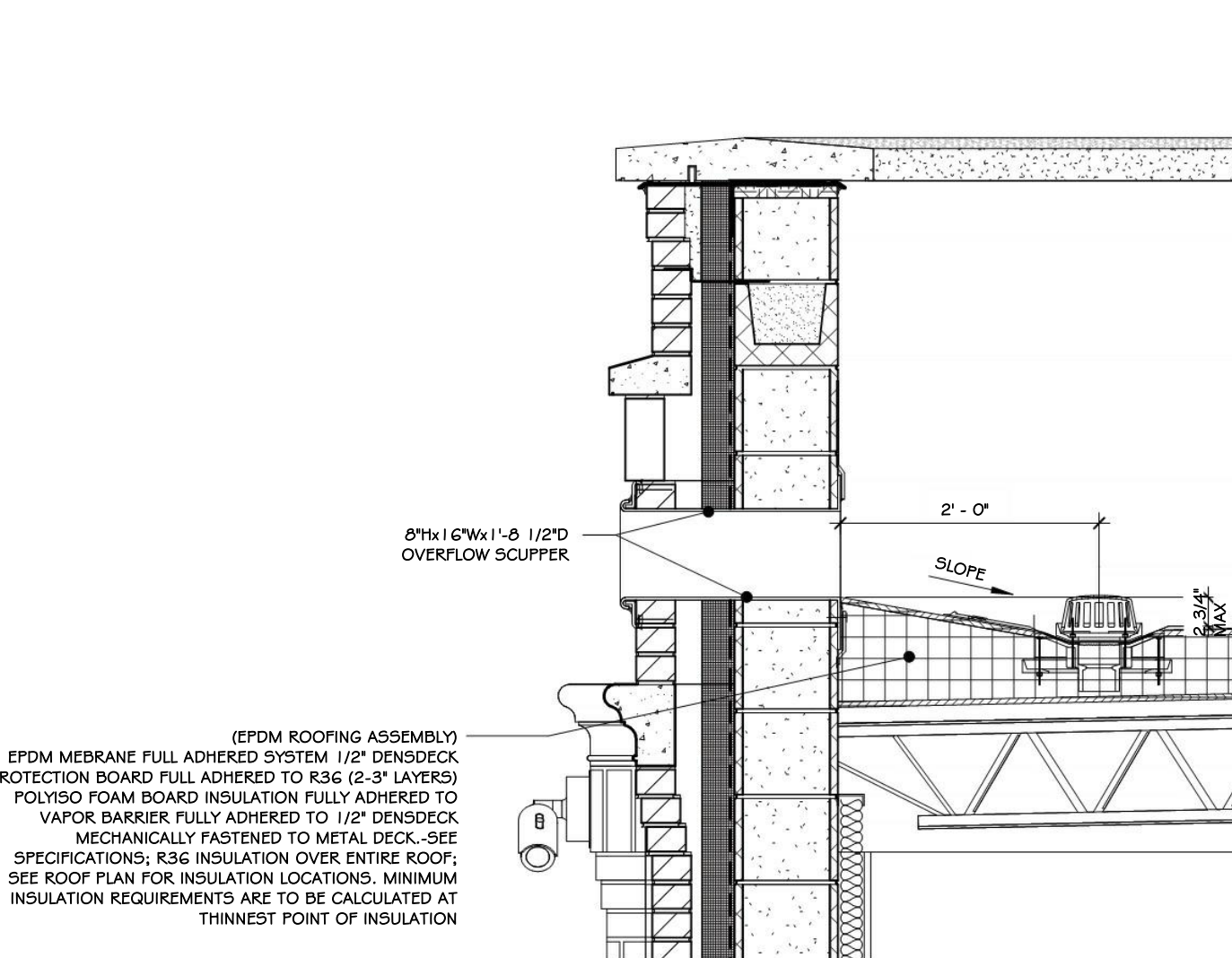
## 10 MEMBRANE ATTACHMENT WIND UP TO 100 MPH WIND ZONE

3" = 1'-0"



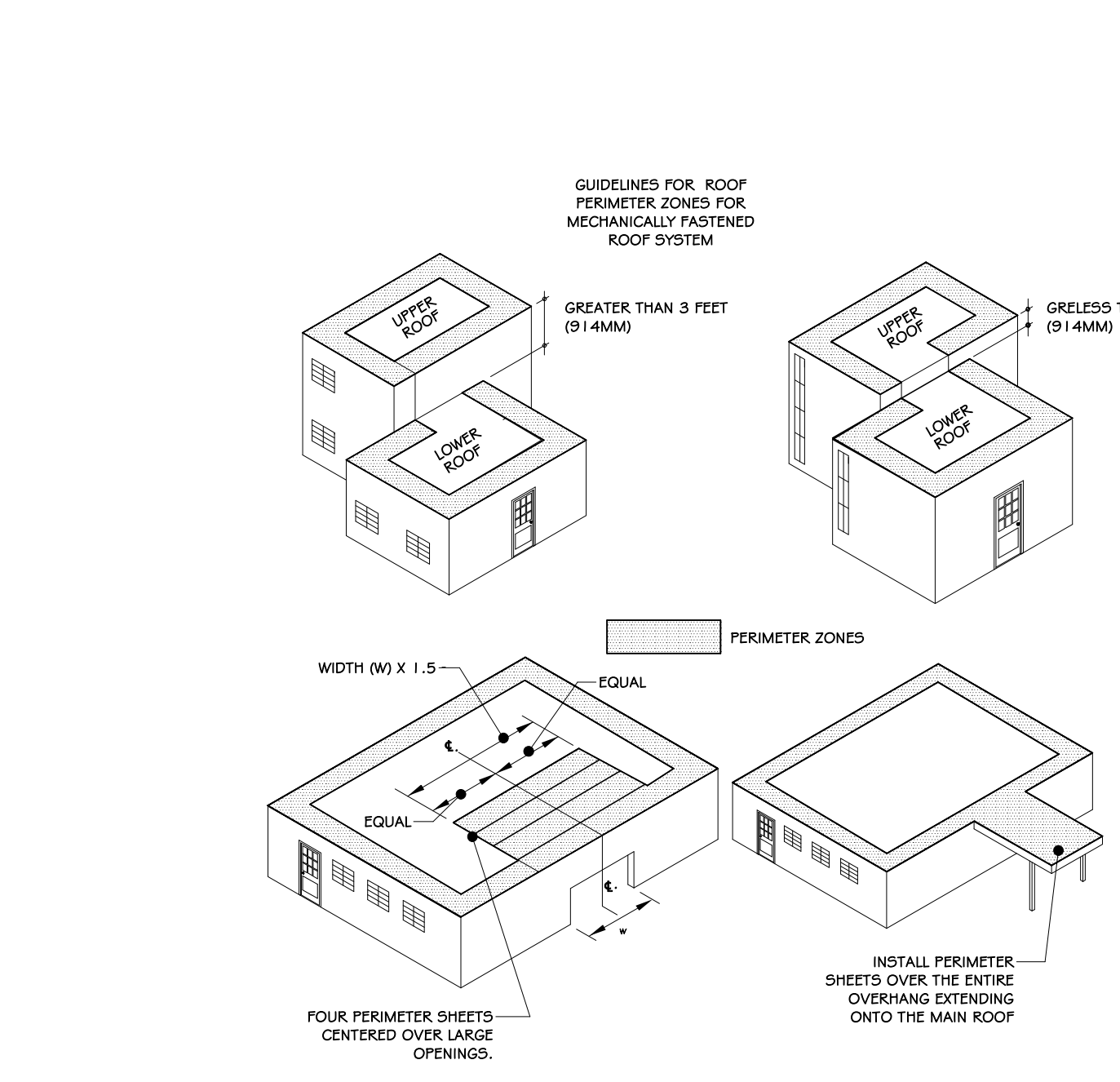
## 11 EXPANSION JOINT AT STEPDOWN CONDITION

3" = 1'-0"



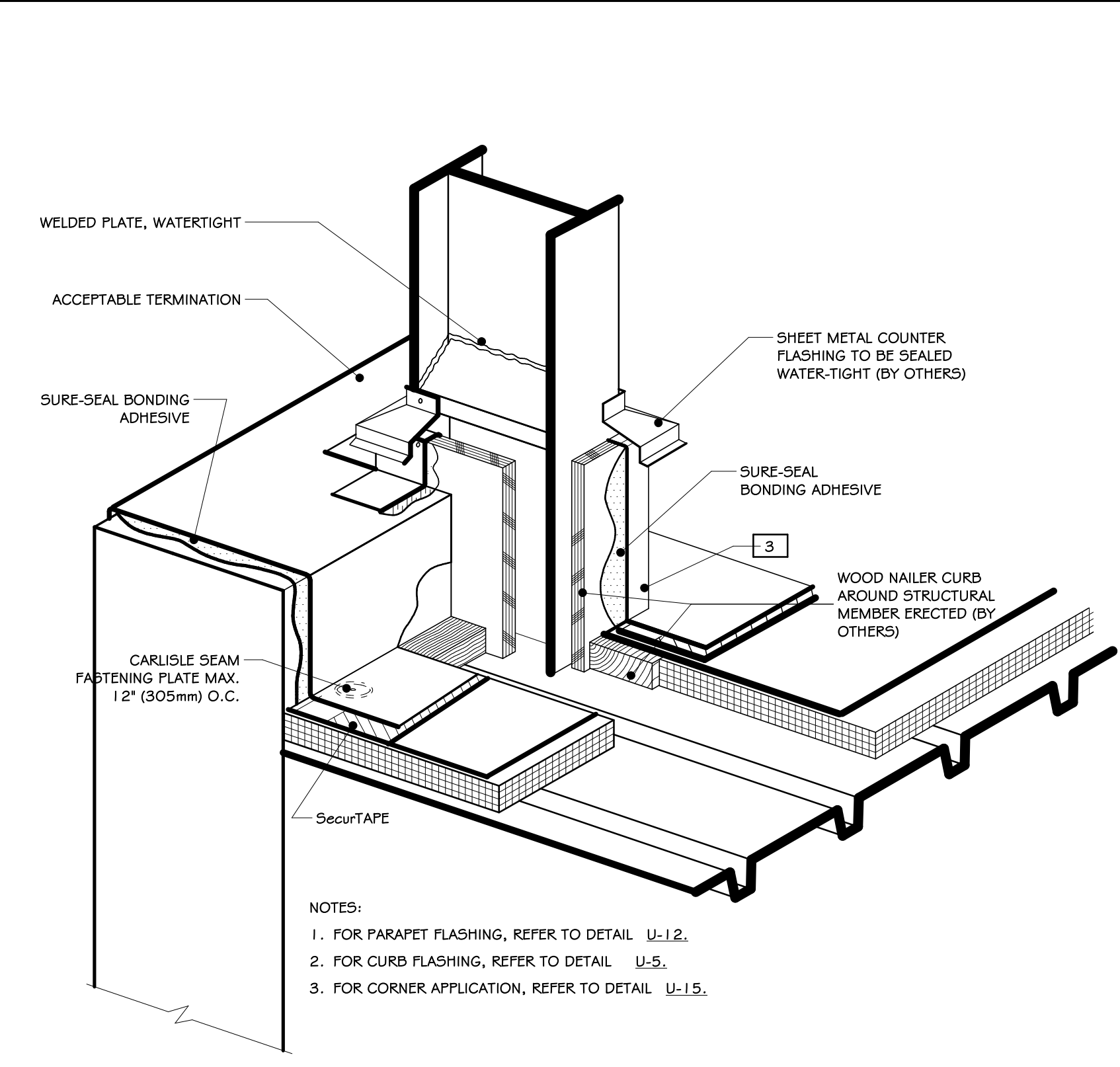
## 12 ROOF SCUPPER DETAIL - CMU

3/4" = 1'-0"



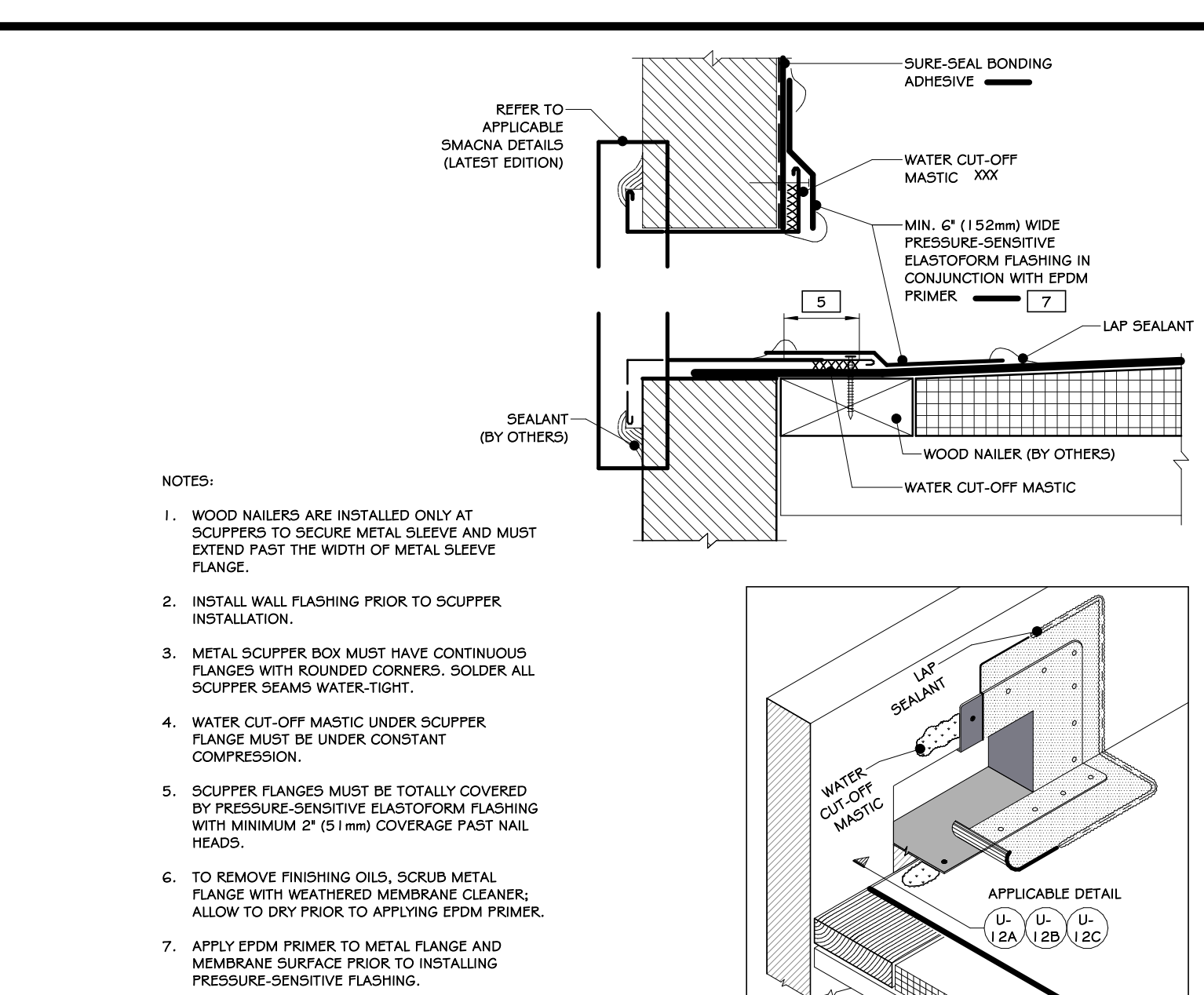
## 13 ROOF PERIMETER ZONES

3" = 1'-0"



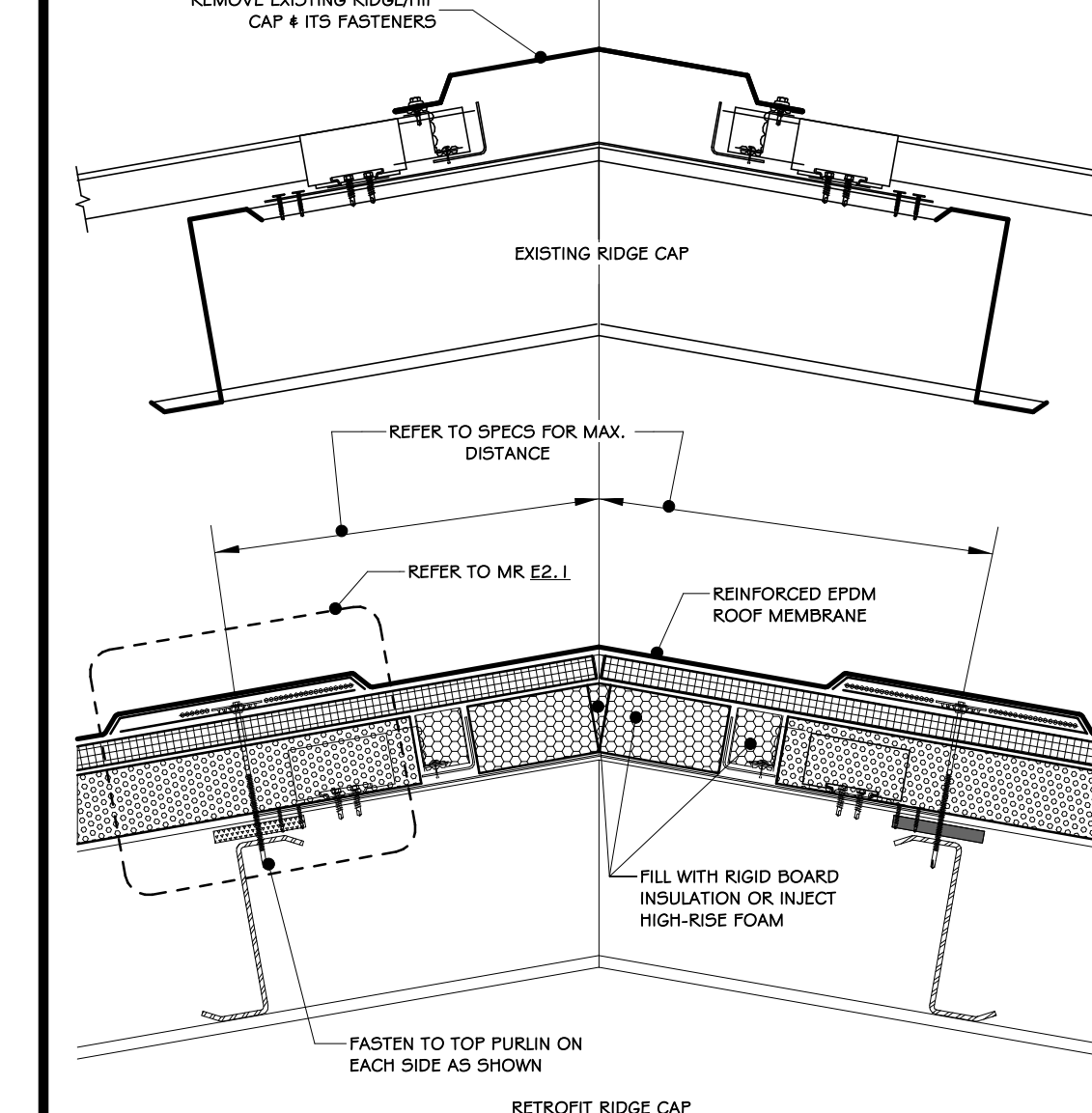
## 14 I-BEAM PENETRATION

1/2" = 1'-0"



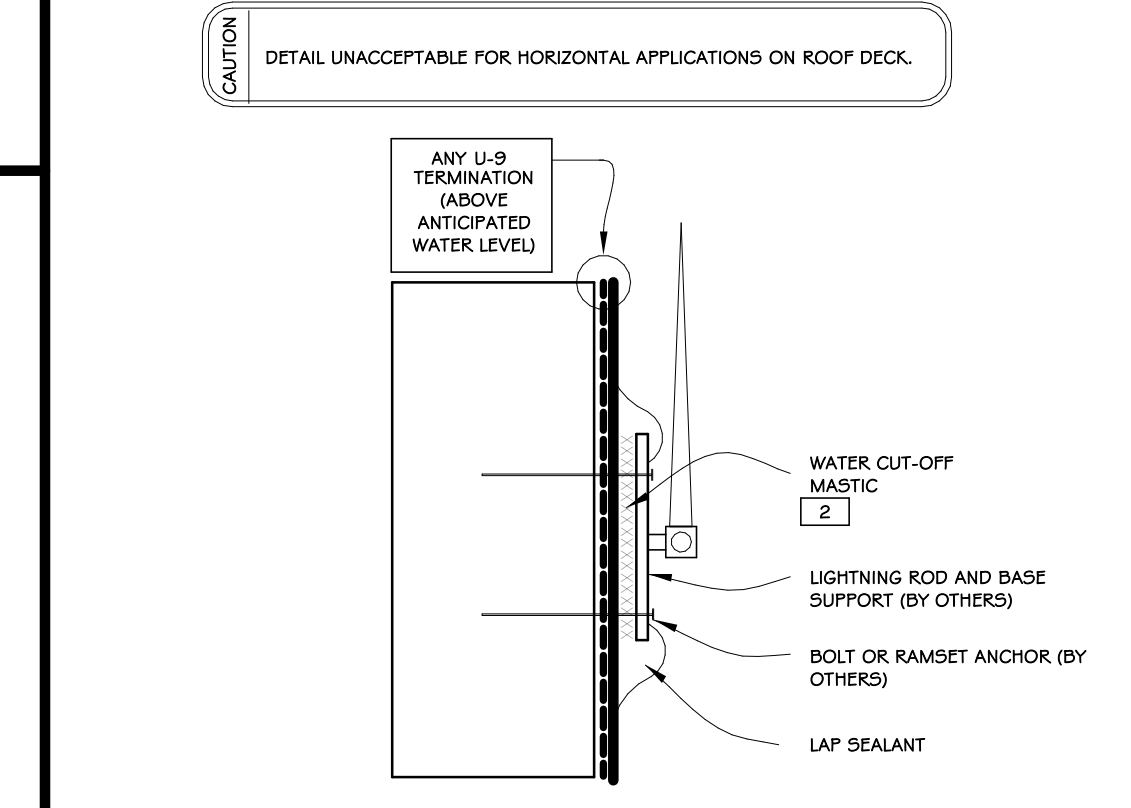
## 15 METAL SCUPPER AT DECK

3" = 1'-0"



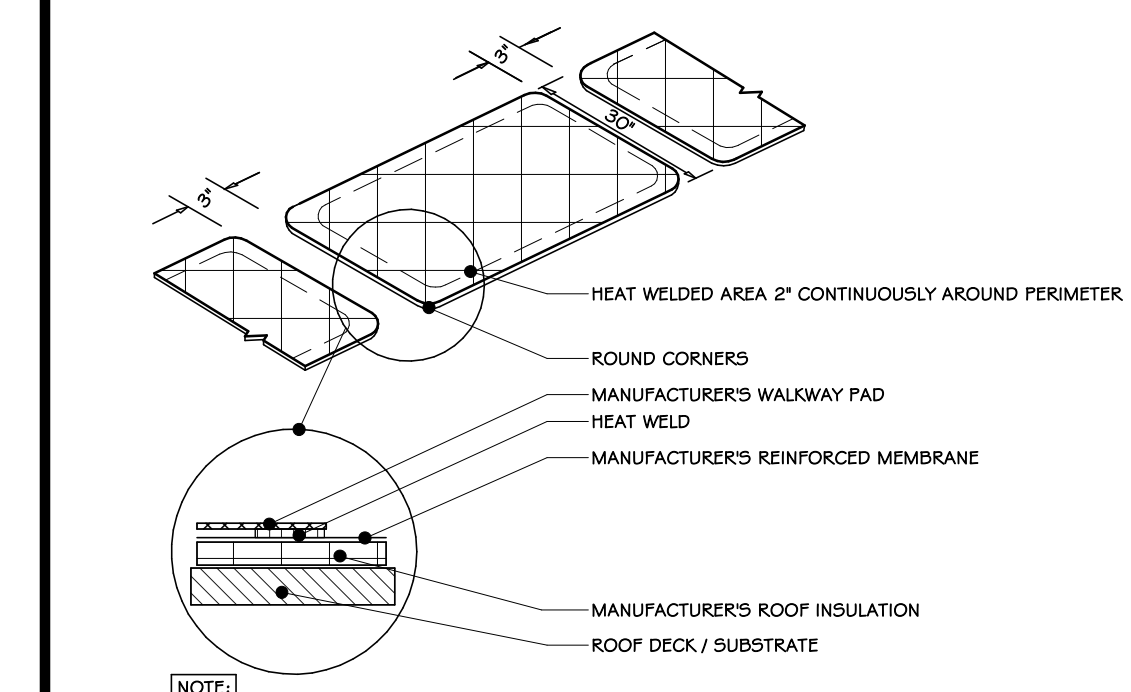
## 16 ROOF RIDGE-HIP-NON VENTED

3" = 1'-0"



## 17 PARAPET (VERTICAL ATTACHMENT)

3" = 1'-0"

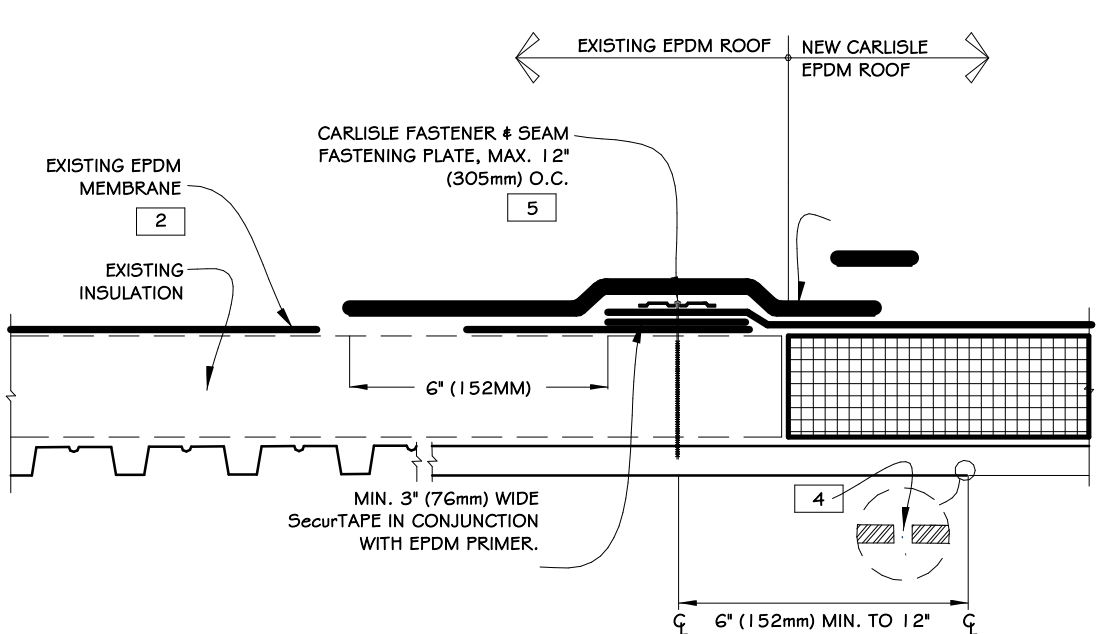


## 18 HEAT WELDED WALKWAY

3/4" = 1'-0"

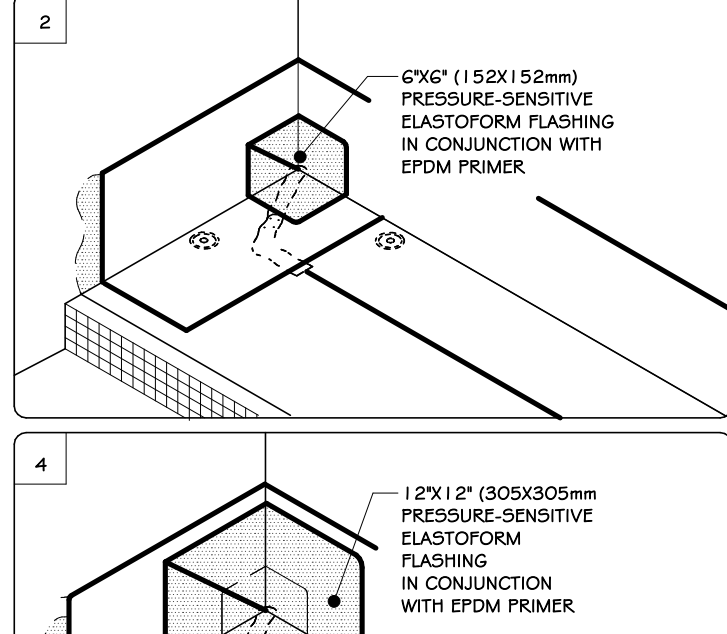
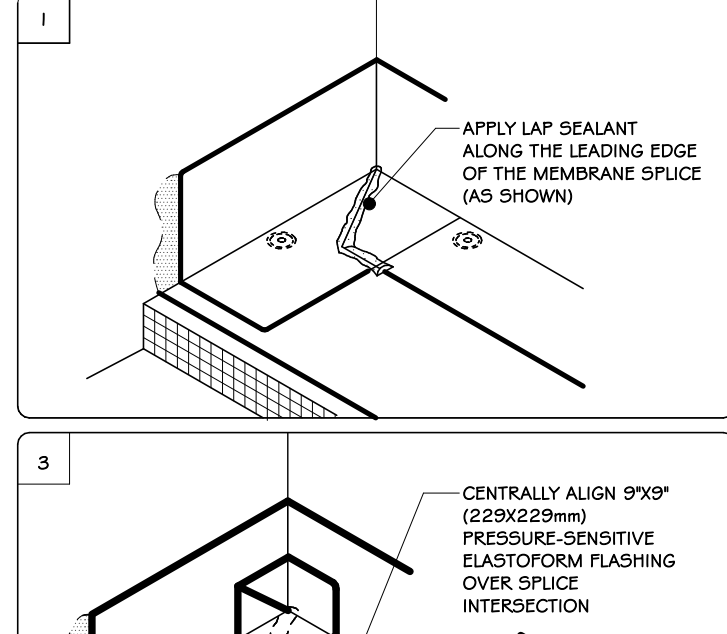
100% BID DOCUMENTS		
REVISIONS:		
NUM.	DATE	DESCRIPTION
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Project: TOWN OF MONTGOMERY POLICE STATION 106 BRACKEN ROAD MONTGOMERY, NEW YORK 12549		
Drawing: EPDM ROOF DETAILS		
Project: 23138	Date: 02/24/25	
Drawn: IDEA	Scale: AS NOTED	
Drawing Number:		
A=610		





- NOTES:
- PRIOR TO SPLICING, CLEAN EXISTING EPDM MEMBRANE BY SCRUBBING THE SPLICE AREA WITH WEATHERED MEMBRANE CLEANER AND ALLOW TO DRY.
  - CONTACT MANUFACTURER OF EXISTING EPDM MEMBRANE ROOFING SYSTEM TO VERIFY ACCEPTANCE OF TIE-IN AND TO NOT VOID EXISTING WARRANTY.
  - FOR EXISTING BALLASTED SYSTEMS BY OTHERS, CONSULT RESPECTIVE MANUFACTURER FOR ACCEPTABLE GRAVEL CONFINEMENT TO PREVENT GRAVEL MIGRATION.
  - DRILL A 3/8" (10mm) DIAMETER WEEP HOLE INTO THE BOTTOM FLUTES OF THE STEEL DECK ALONG THE PERIMETER OF THE TIE-IN 6" (152mm) MINIMUM TO 12" (305mm) MAXIMUM FROM THE SEAM FASTENING PLATE.
  - ON MECHANICALLY FASTENED SYSTEMS, HP FASTENERS AND POLYMER SEAM COVERS ARE REQUIRED OVER STEEL DECK.
  - ALL SPLICE INTERSECTIONS MUST BE OVERLAP WITH PRESSURE-SENSITIVE T-JOINT COVERS. FOR WARRANTY PROJECTS EXCEEDING 20-YEARS OR WHEN USING 30-MIL EPDM MEMBRANE.

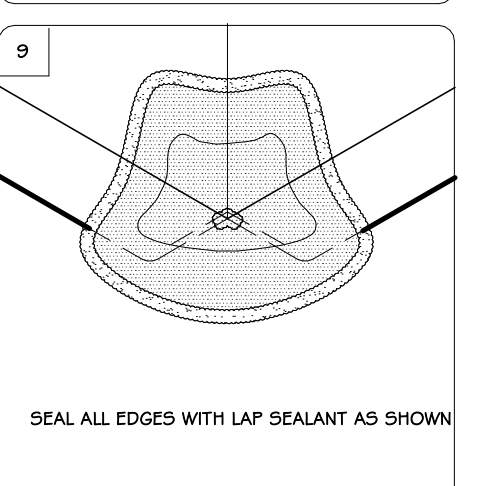
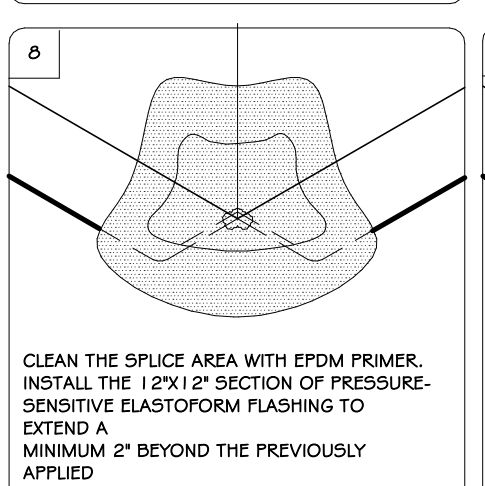
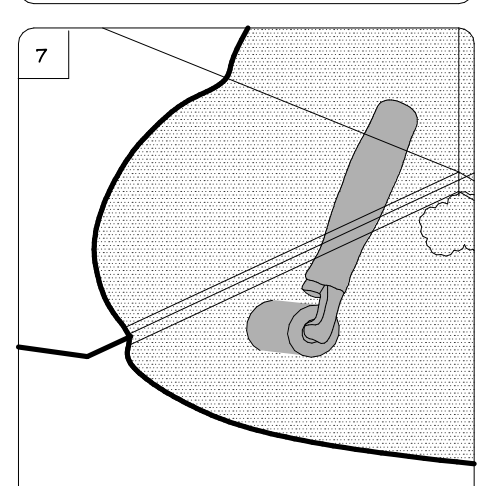
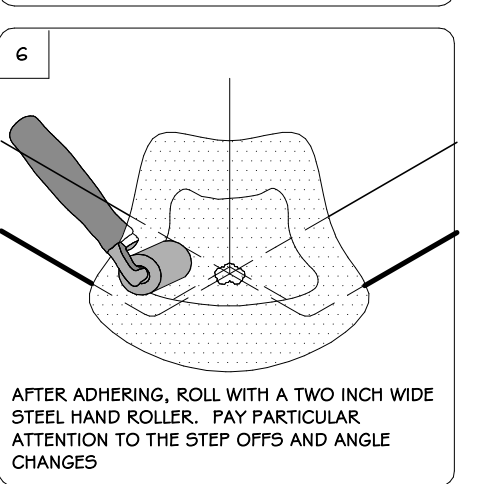
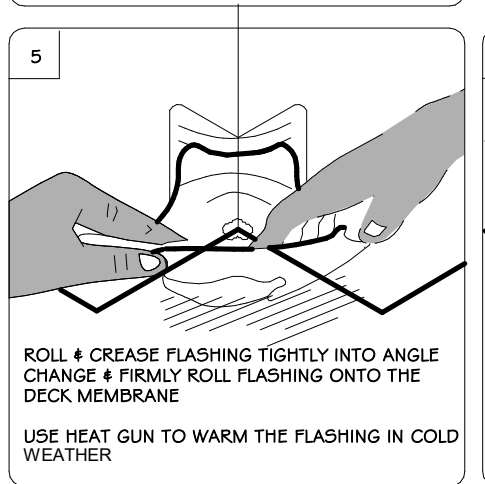
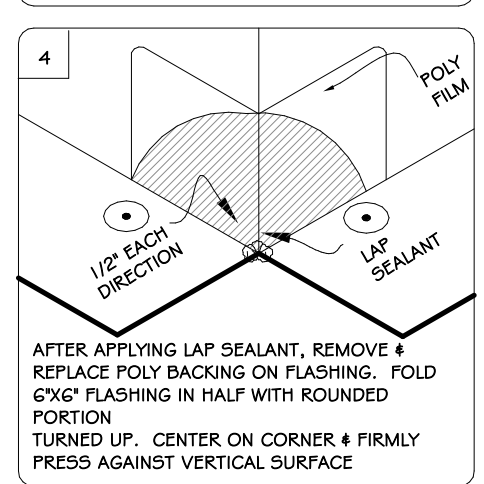
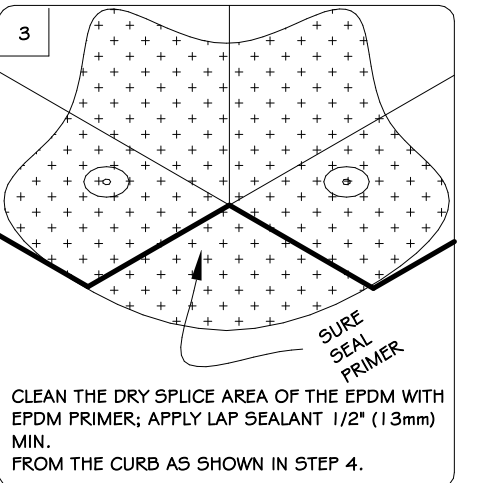
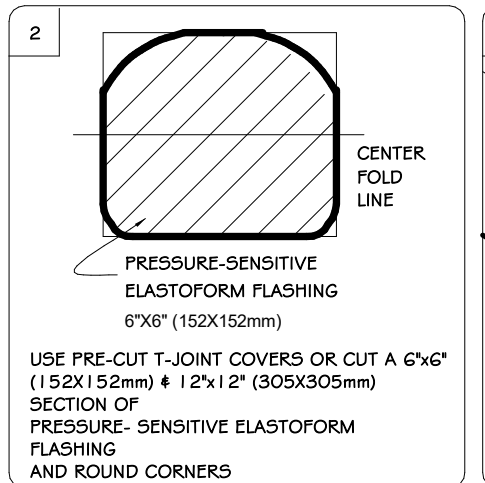
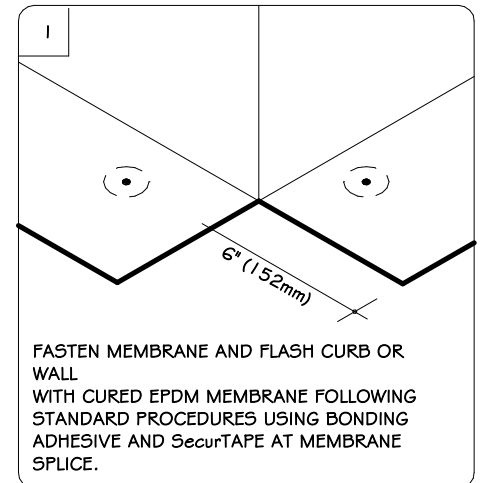
## 1 TIE-IN TO EXISTING EPDM MEMBRANE



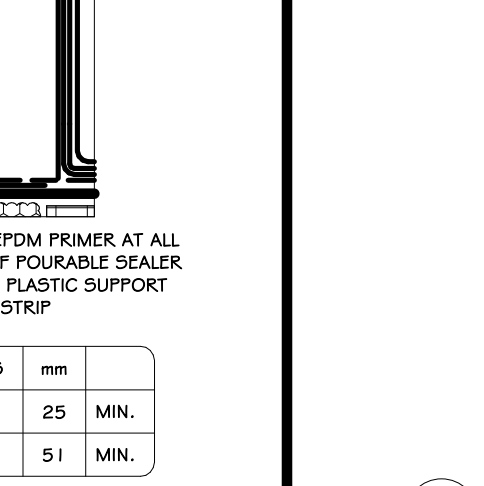
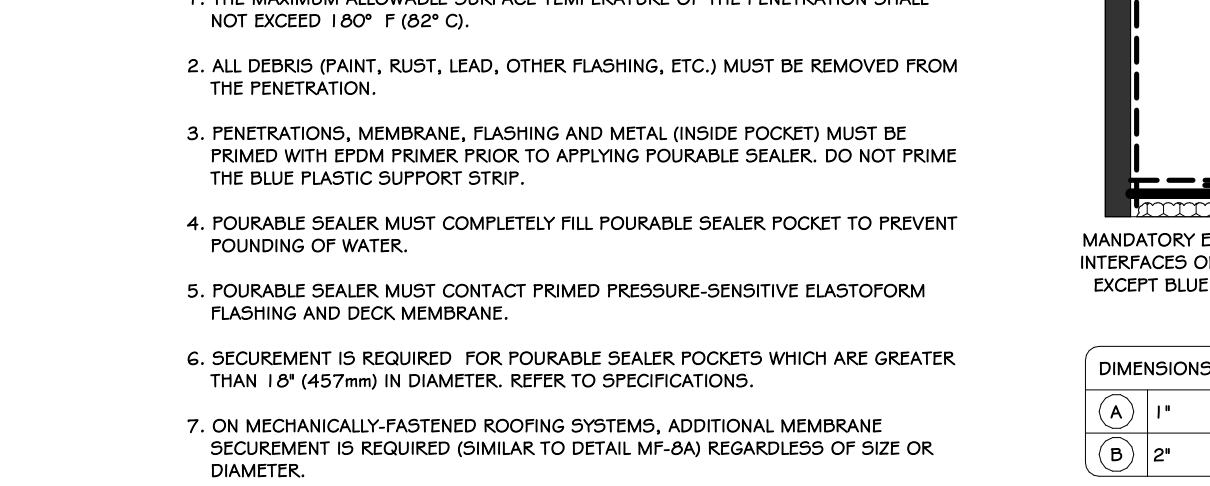
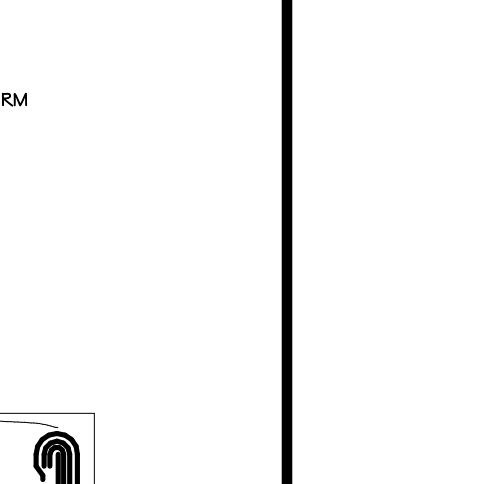
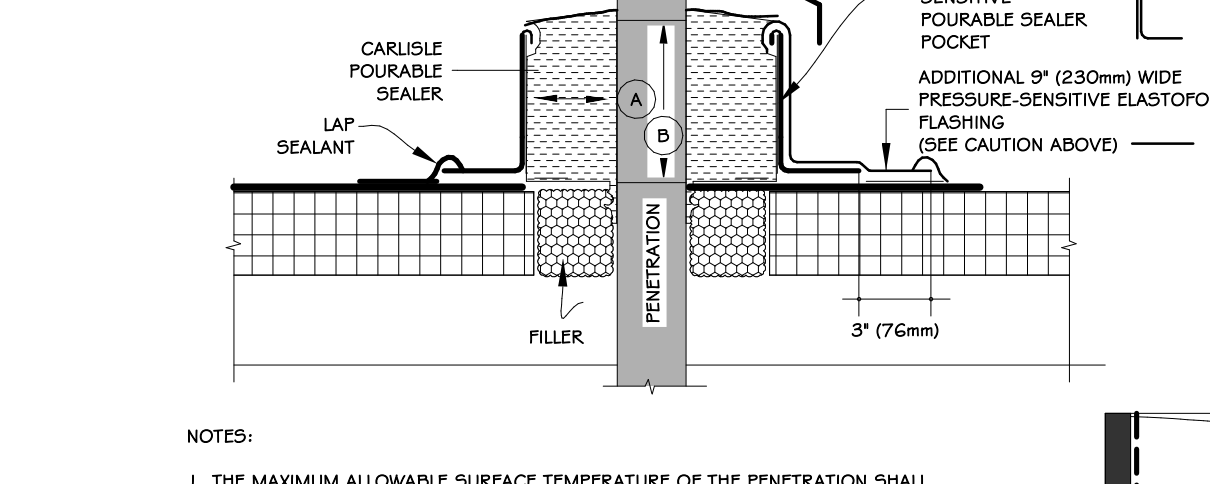
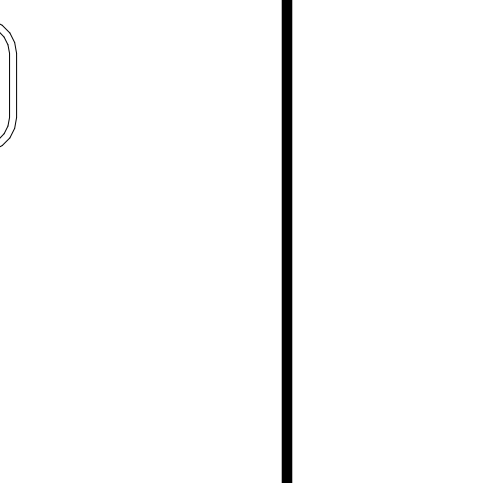
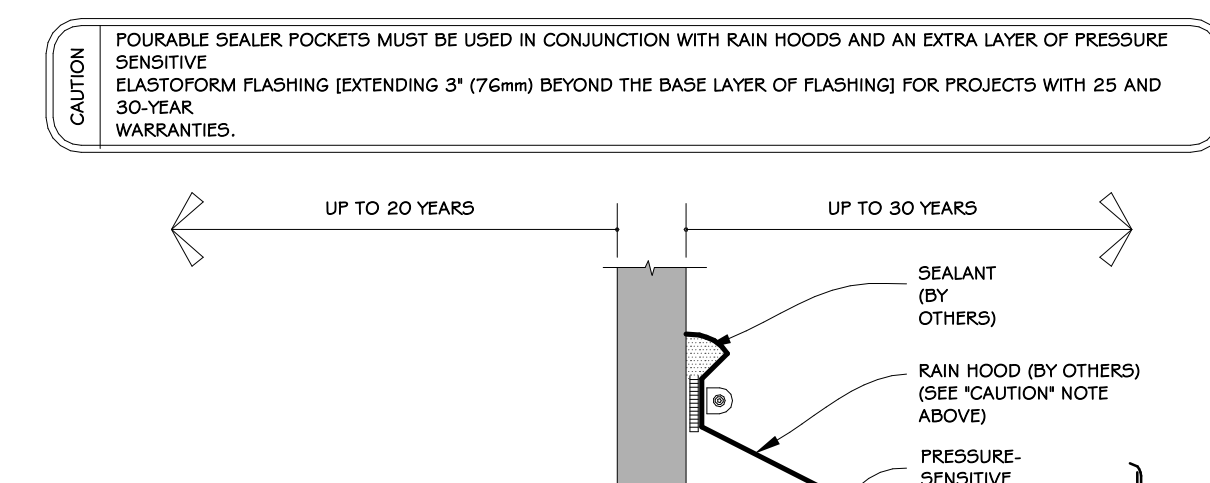
- NOTES:
- FOR PROJECTS WITH 25 AND 30-YEAR WARRANTIES OR WHEN USING 30-MIL MEMBRANE, ALL INSIDE CORNERS MUST BE OVERLAP WITH TWO LAYERS OF PRESSURE-SENSITIVE ELASTOFORM FLASHING. THE BOTTOM LAYER SHALL BE A 750" (170mm X 25mm) PRESSURE-SENSITIVE PRE-CUT INSIDE/OUTSIDE CORNER OR A 6"X6" (152mm X 152mm) PRESSURE-SENSITIVE ELASTOFORM FLASHING PIECE COVERED WITH A 12"X12" TOP LAYER (305mm X 305mm) OF PRESSURE-SENSITIVE ELASTOFORM FLASHING. BOTH LAYERS SHALL BE CENTERED AND SEALED WITH CONTINUOUS LAP SEALANT.
  - EPDM PRIMER MUST BE APPLIED TO ALL SPLICE AREAS AND FOR EACH LAYER OF PRESSURE-SENSITIVE FLASHING.

- NOTES:
- FOR PROJECTS WITH 25 AND 30-YEAR WARRANTIES OR WHEN USING 30-MIL MEMBRANE, ALL INSIDE CORNERS MUST BE OVERLAP WITH TWO LAYERS OF PRESSURE-SENSITIVE ELASTOFORM FLASHING. THE BOTTOM LAYER SHALL BE A 750" (170mm X 25mm) PRESSURE-SENSITIVE PRE-CUT INSIDE/OUTSIDE CORNER OR A 6"X6" (152mm X 152mm) PRESSURE-SENSITIVE ELASTOFORM FLASHING PIECE COVERED WITH A 12"X12" TOP LAYER (305mm X 305mm) OF PRESSURE-SENSITIVE ELASTOFORM FLASHING. BOTH LAYERS SHALL BE CENTERED AND SEALED WITH CONTINUOUS LAP SEALANT.
  - EPDM PRIMER MUST BE APPLIED TO ALL SPLICE AREAS AND FOR EACH LAYER OF PRESSURE-SENSITIVE FLASHING.

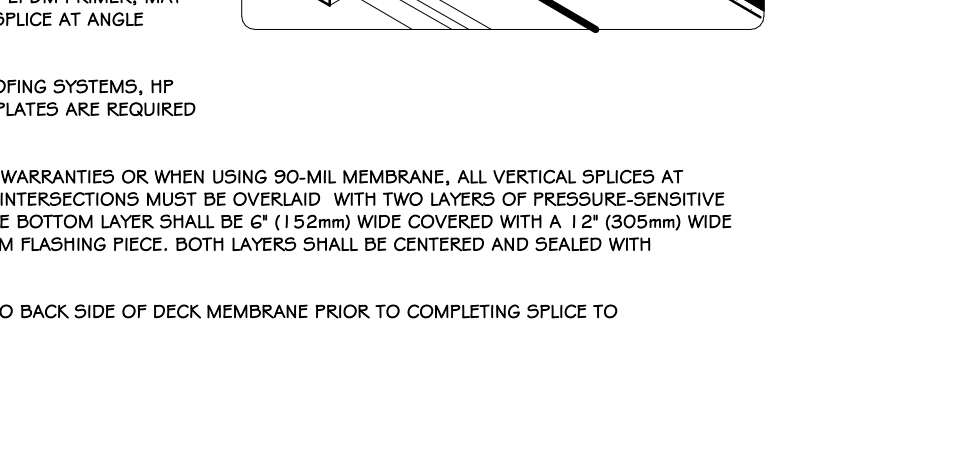
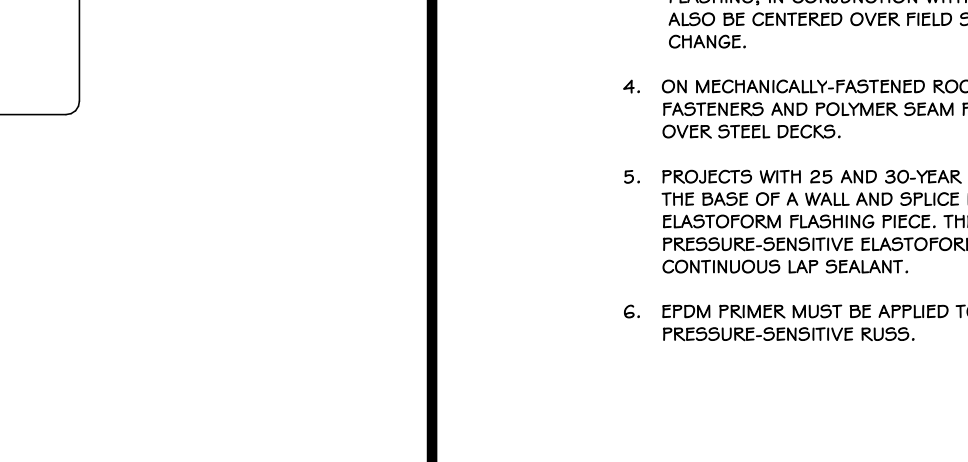
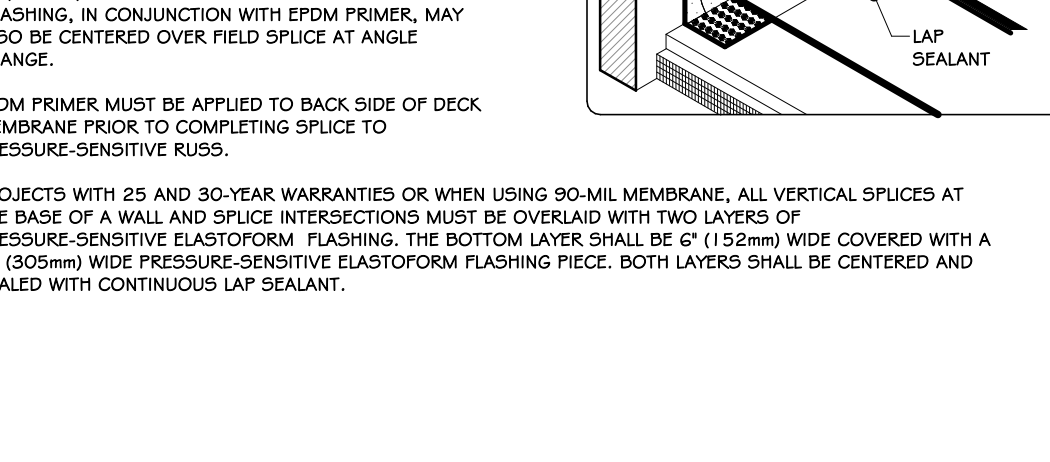
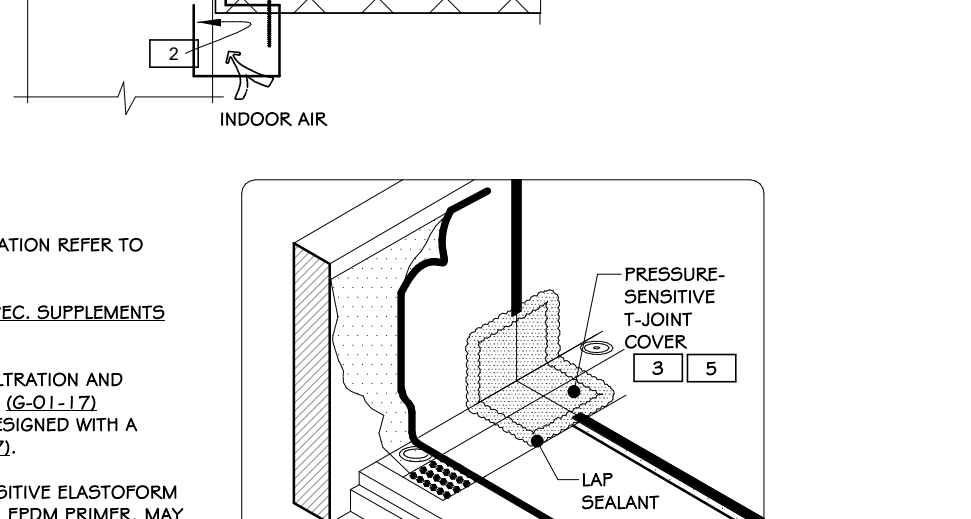
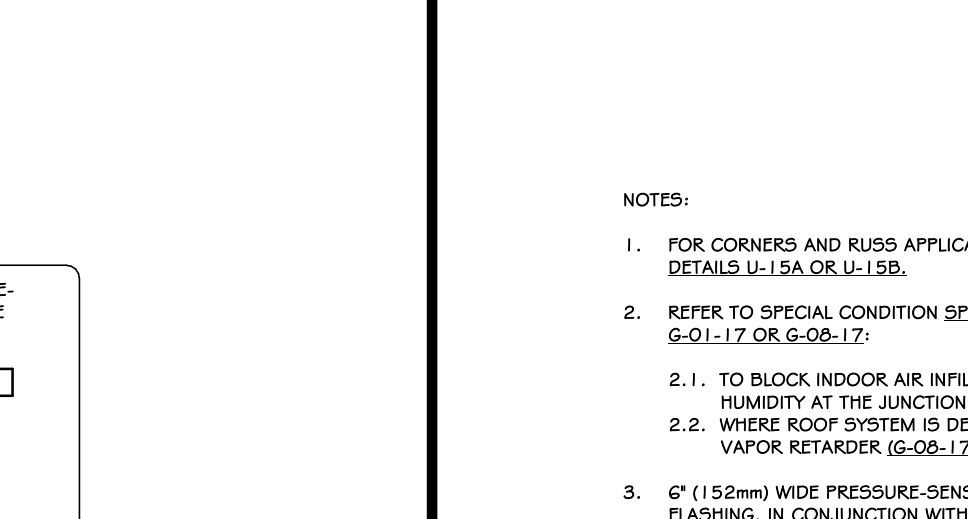
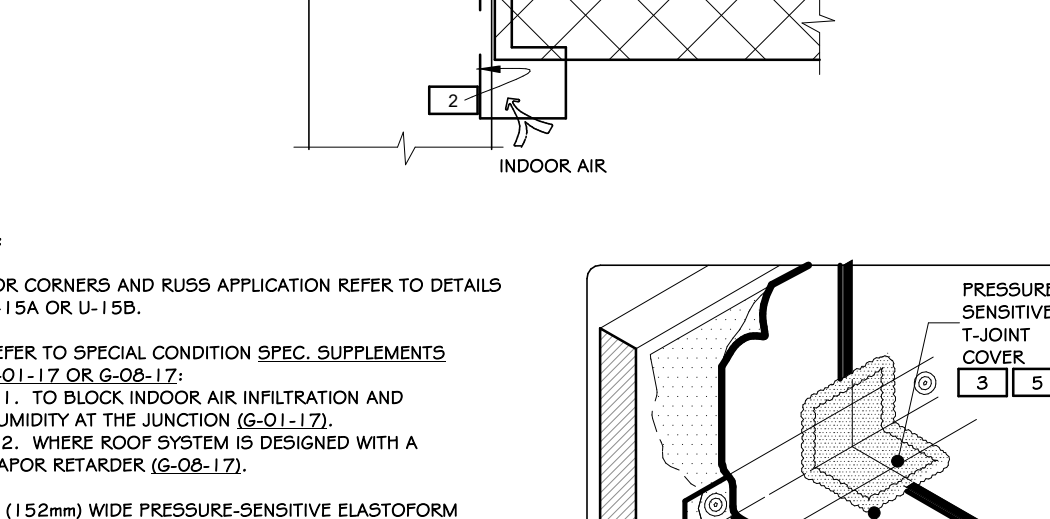
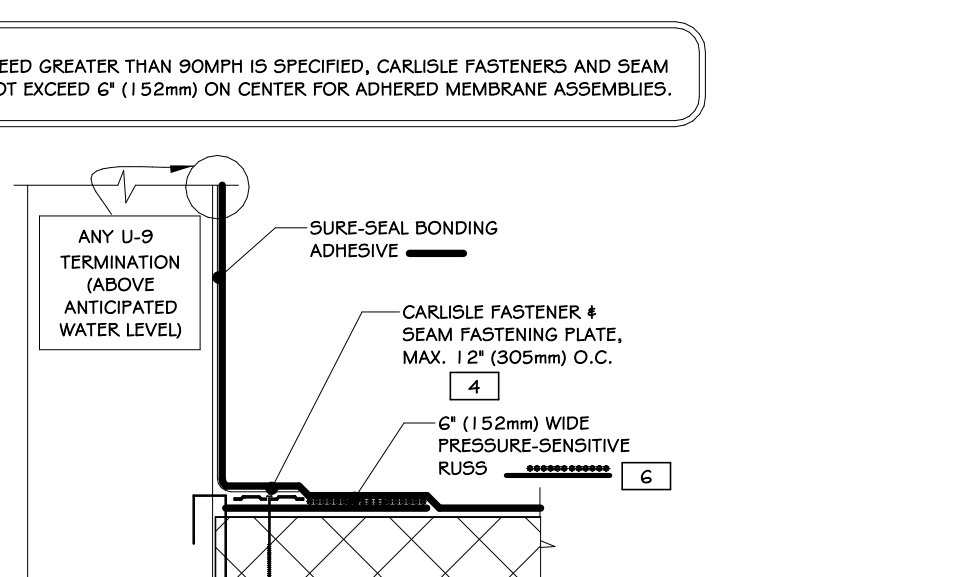
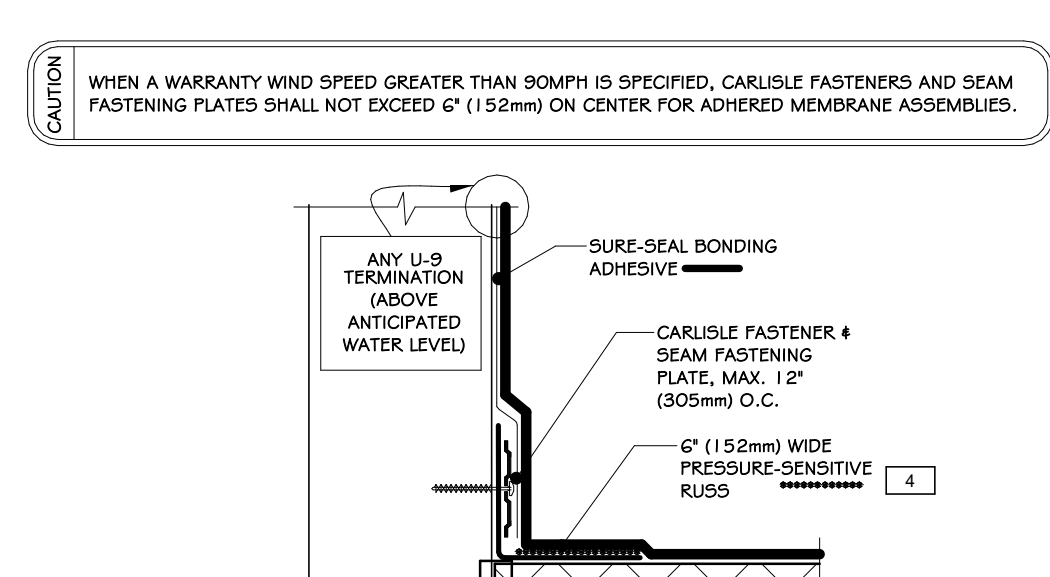
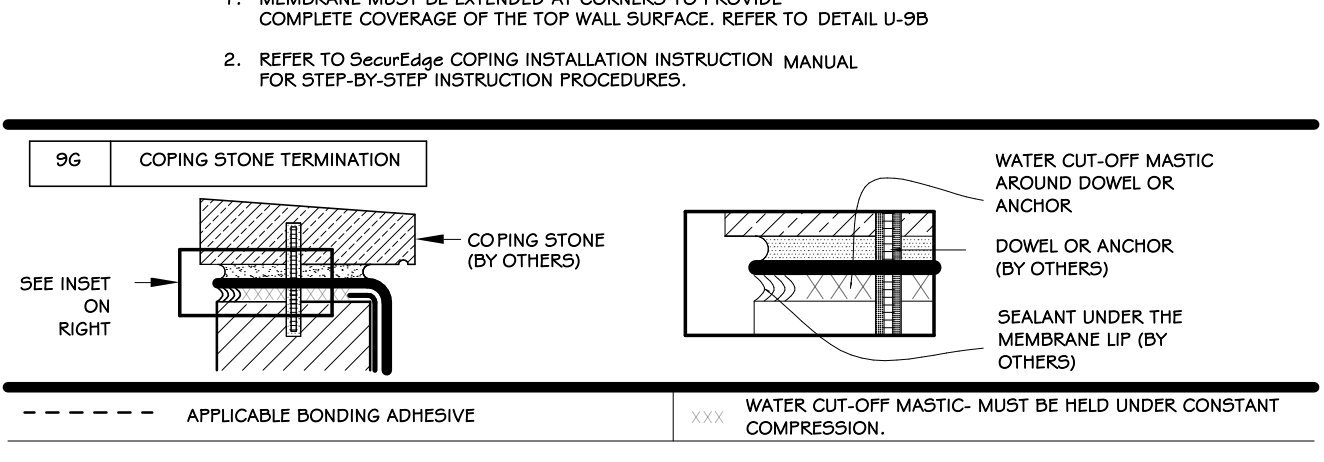
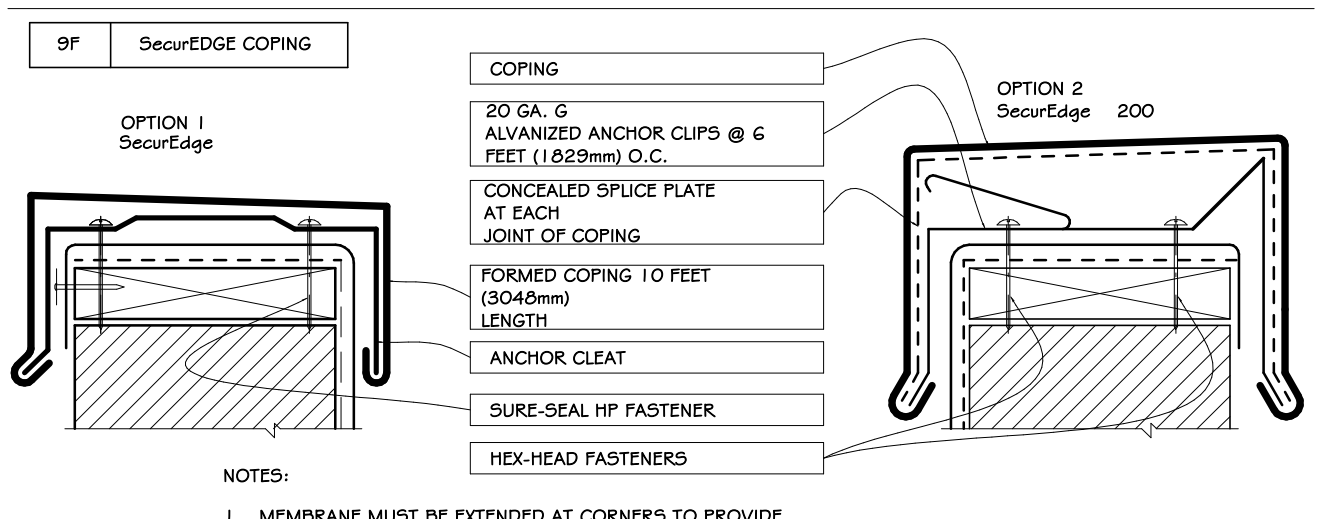
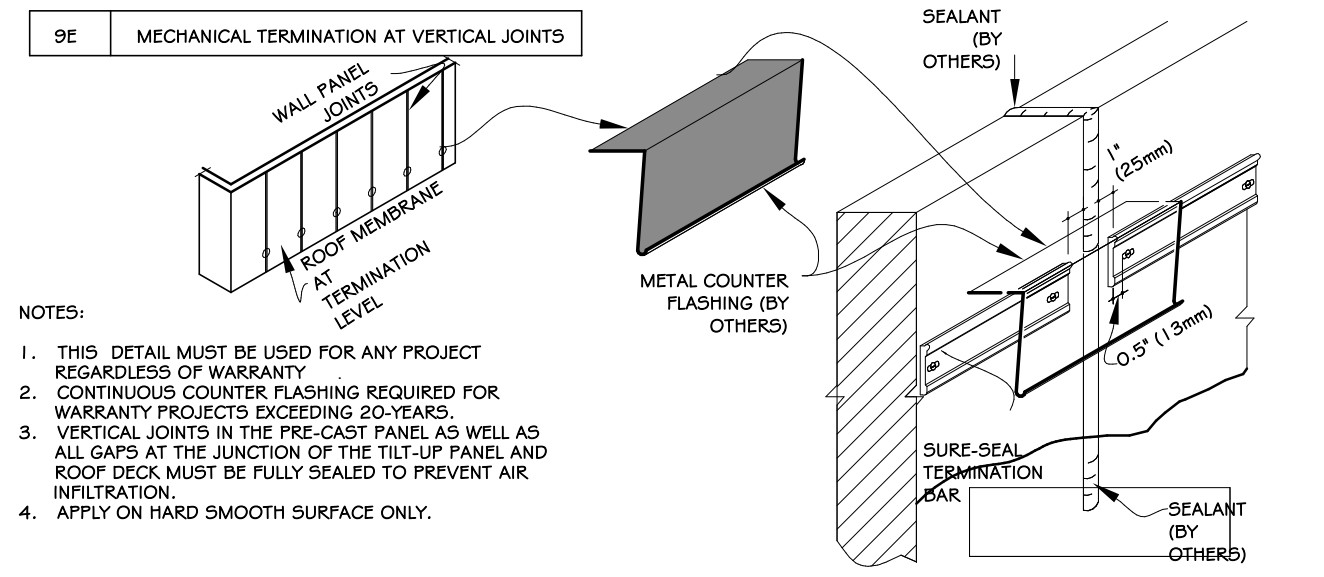
## 2 INSIDE CORNER FLASHING



## 3 OUTSIDE CORNER FLASHING



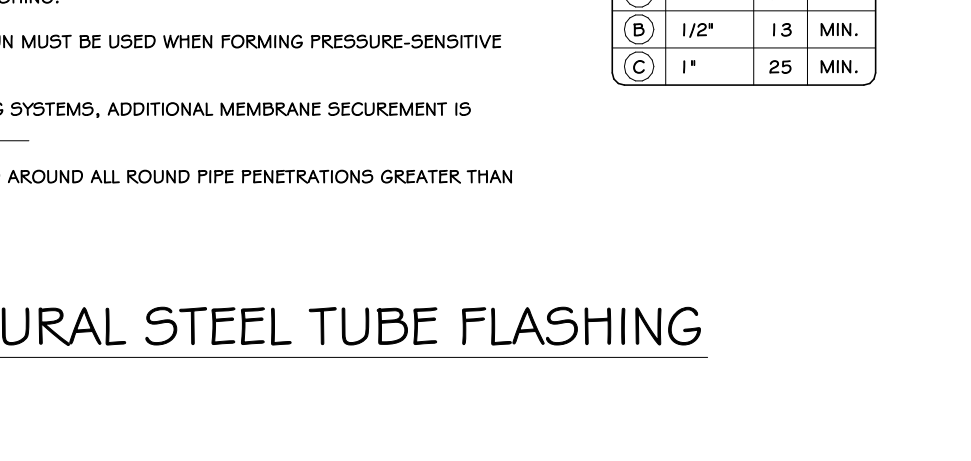
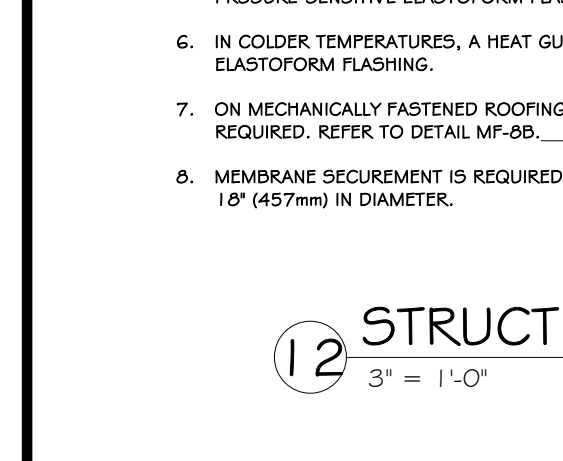
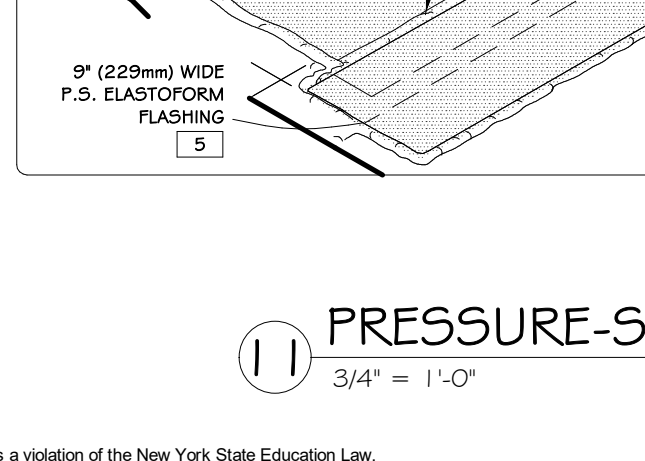
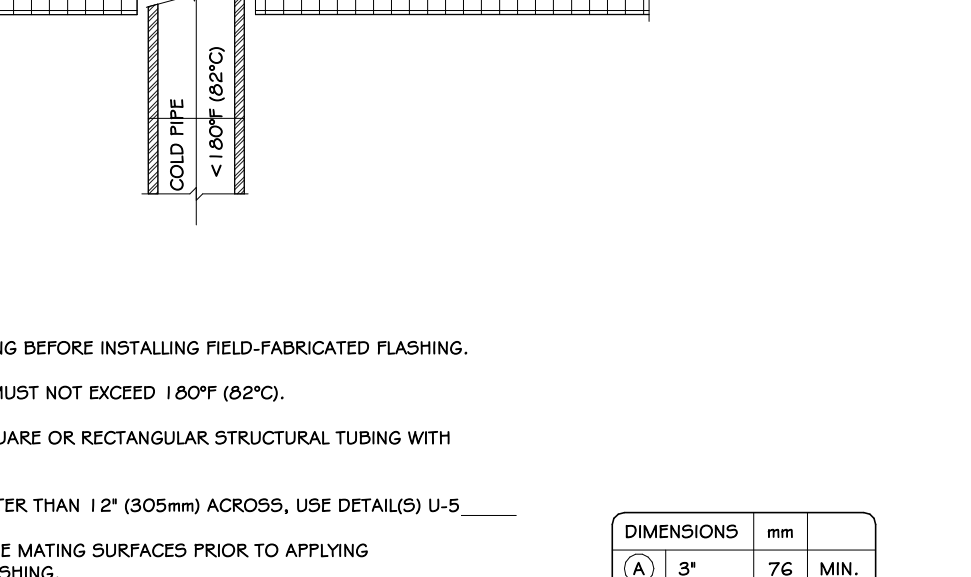
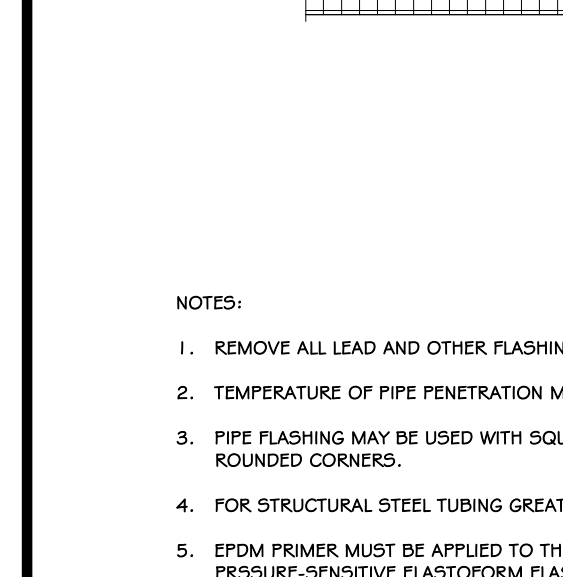
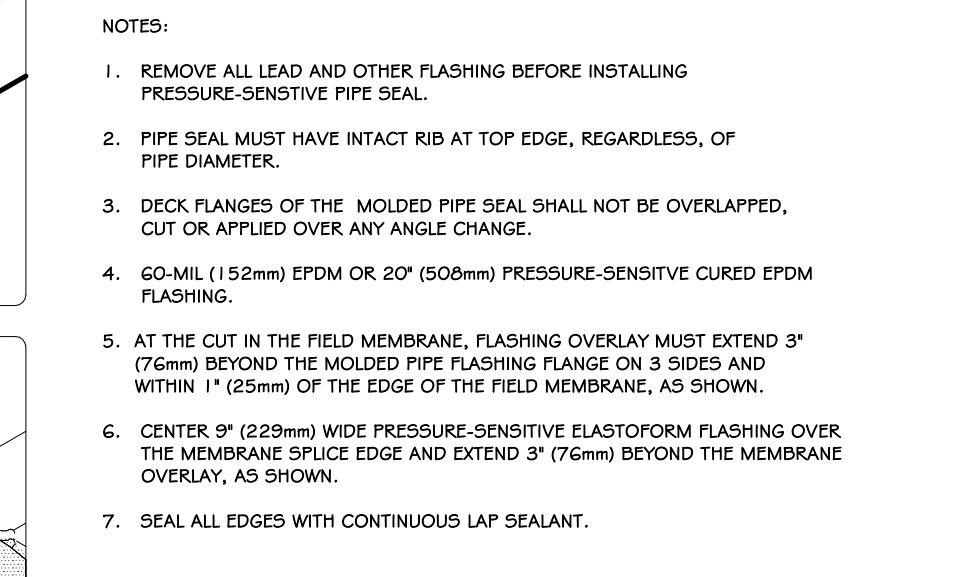
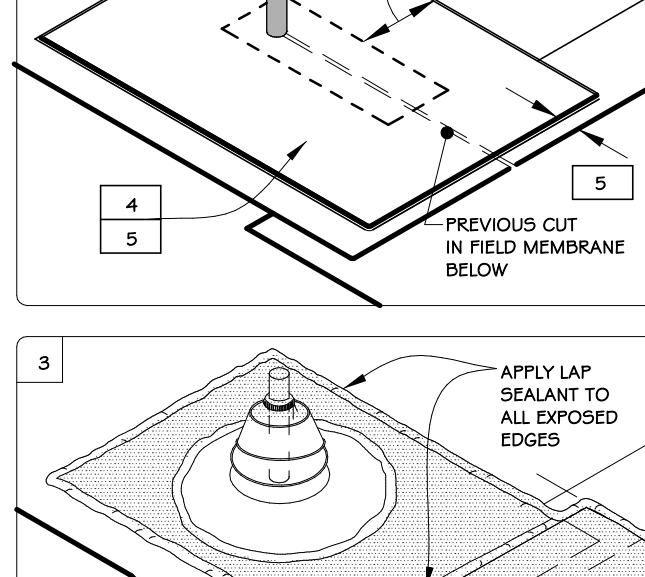
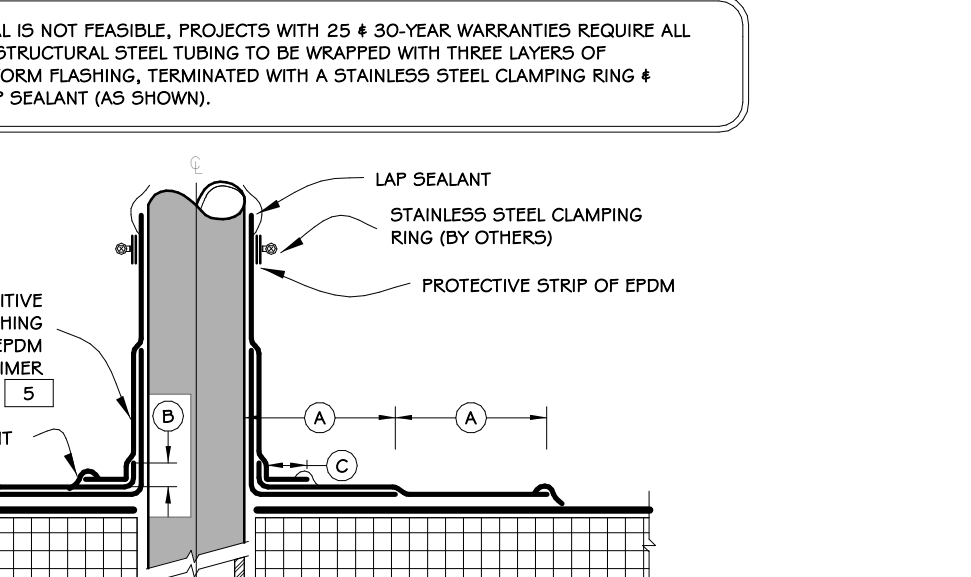
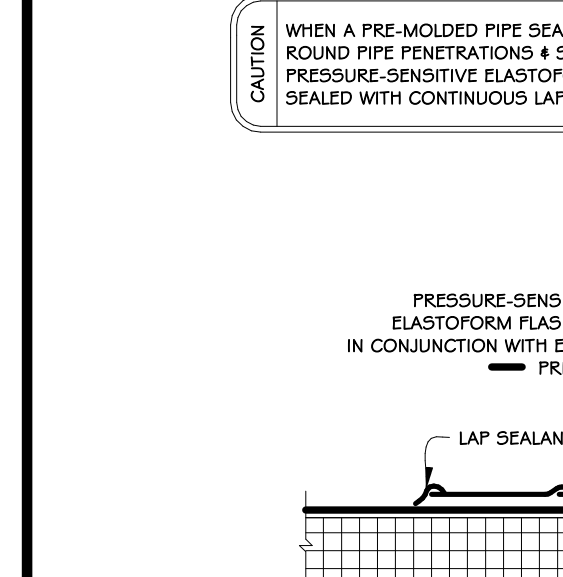
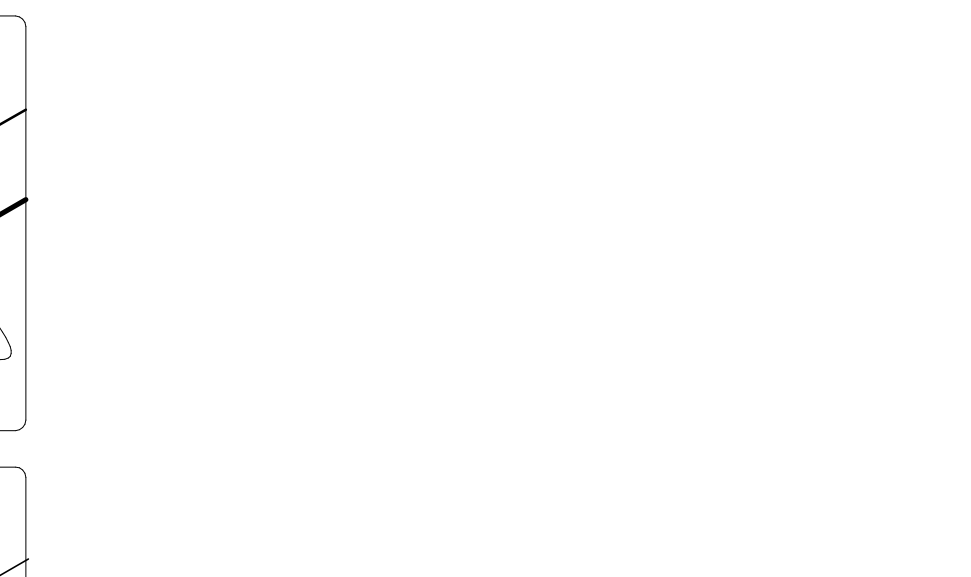
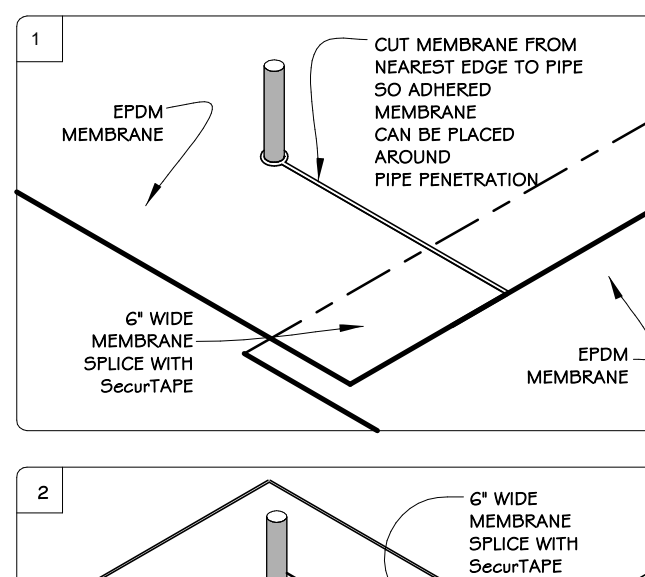
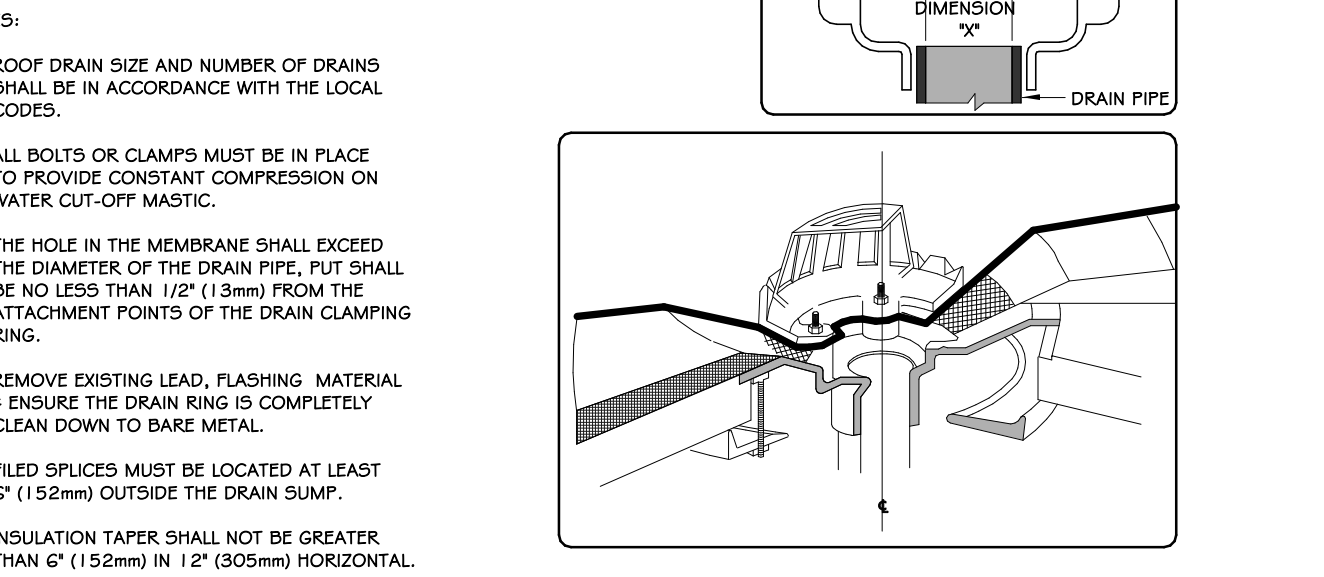
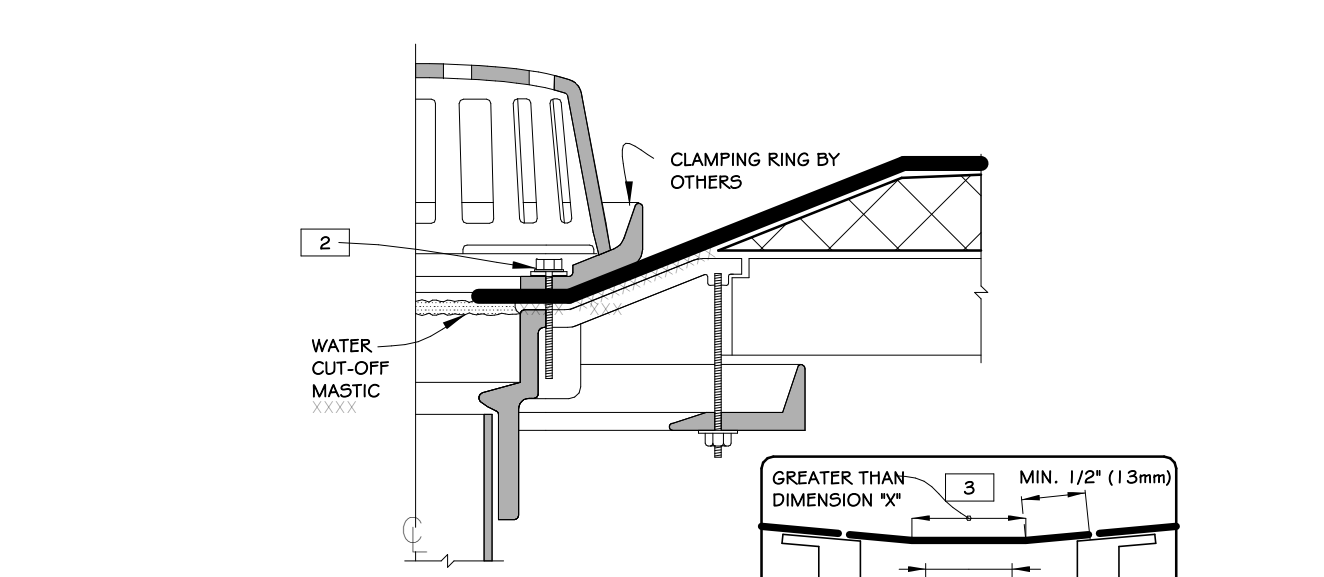
## 4 POURABLE SEALER POCKET



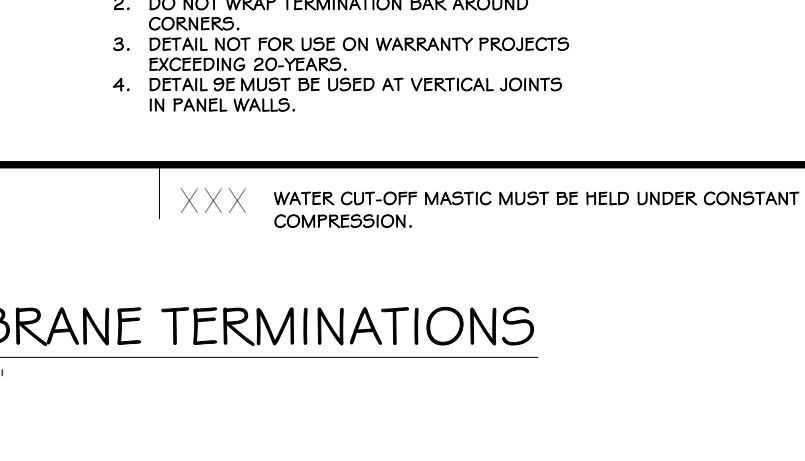
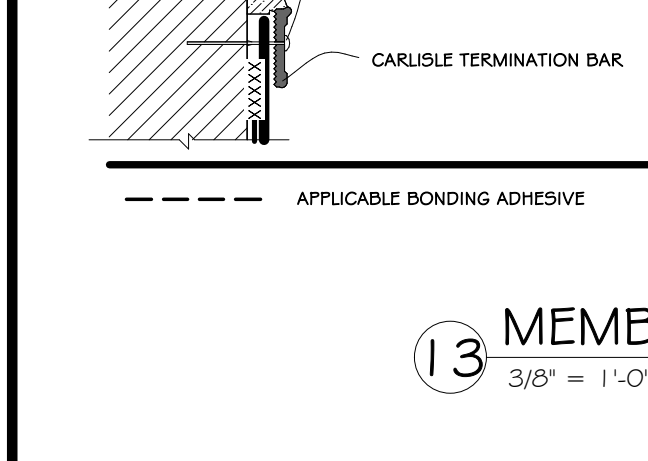
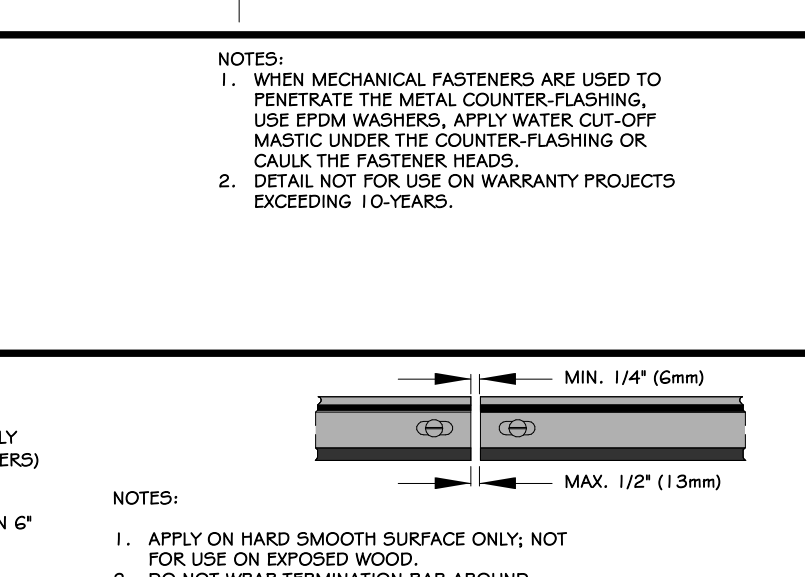
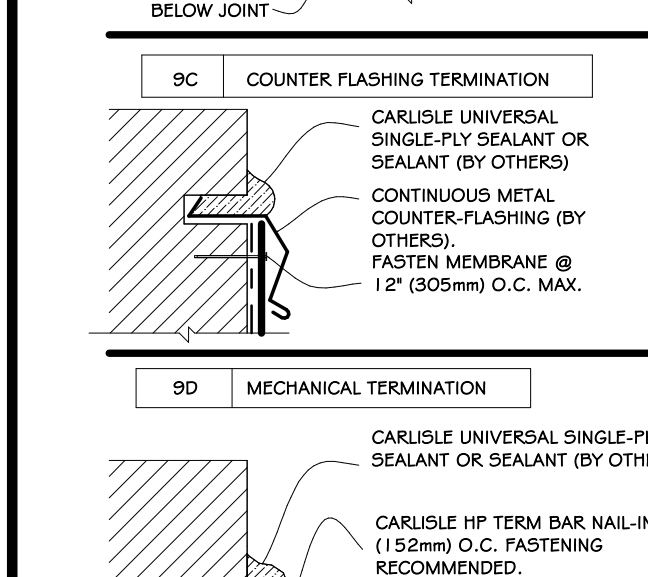
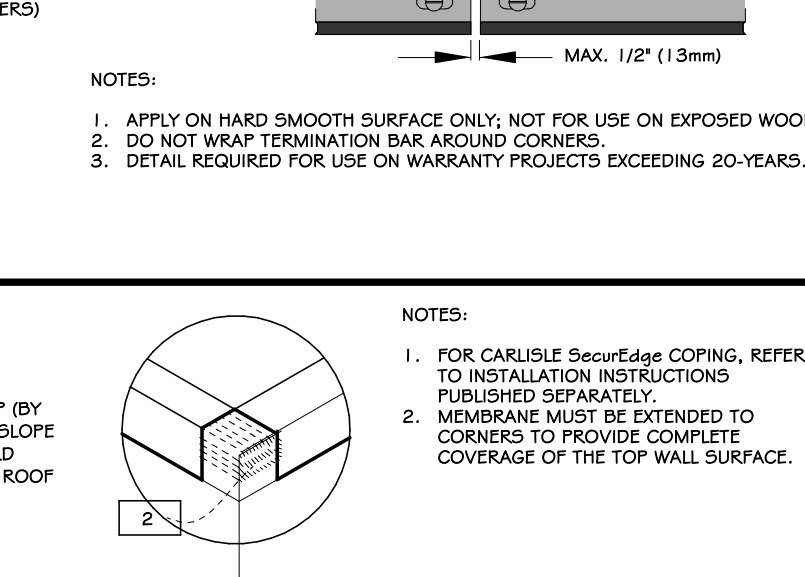
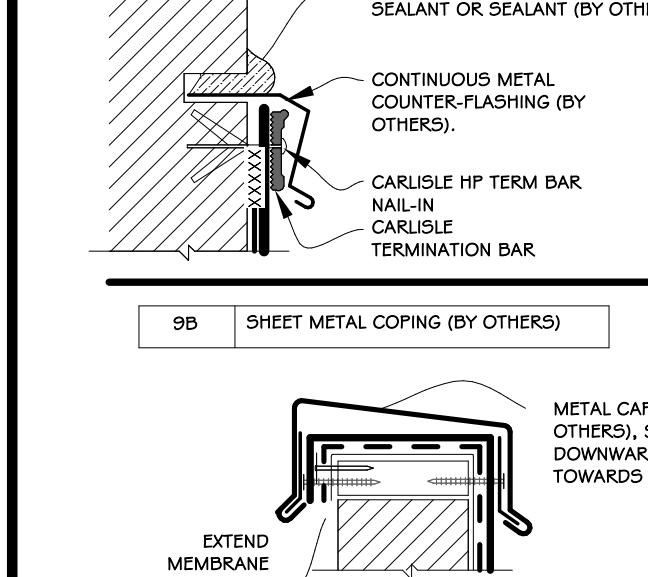
## 7 FIELD FABRICATED PIPE/ PIPE PRESSURE-SENSITIVE RUSS (VERT.)

## 8 PARAPET / CURB WITH PRESSURE-SENSITIVE RUSS (HOR.)

## 9 PARAPET / CURB WITH SEPARATE MEMBER FLASHING



## 12 STRUCTURAL STEEL TUBE FLASHING



## 13 MEMBRANE TERMINATIONS

100% BID DOCUMENTS		
REVISIONS:		
NUM.	DATE	DESCRIPTION

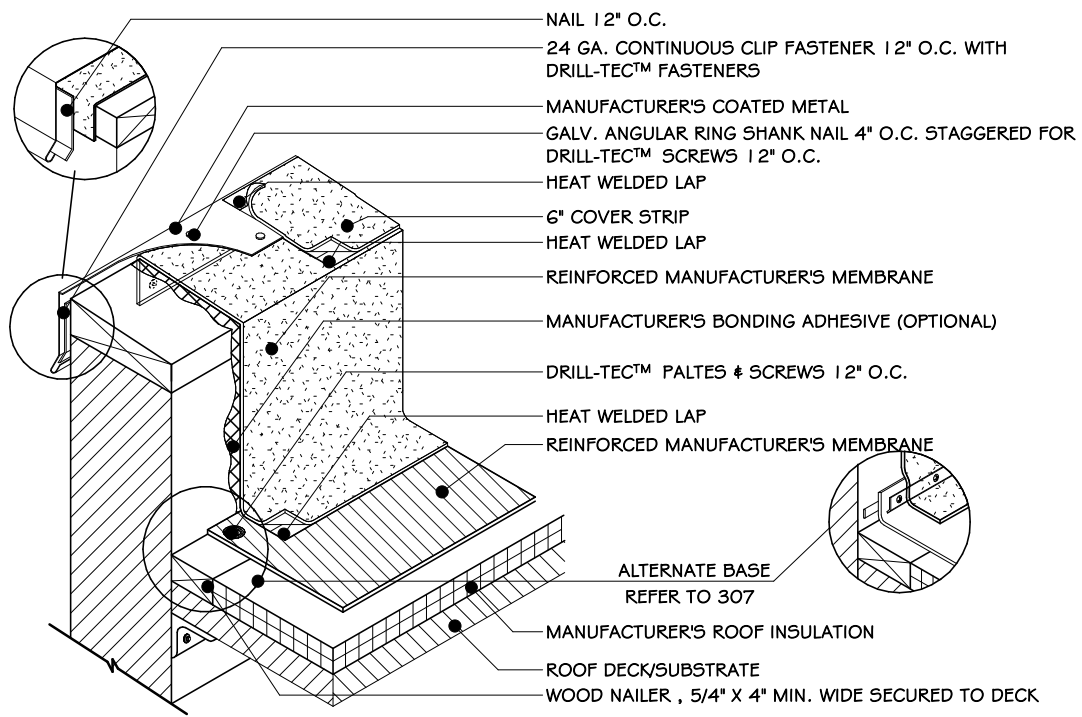
**ADG ARCHITECTS** ARCHITECTURE • PLANNING • INTERIORS

Project: **TOWN OF MONTGOMERY POLICE STATION**  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: **EPDM ROOF DETAILS**

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number: A-611

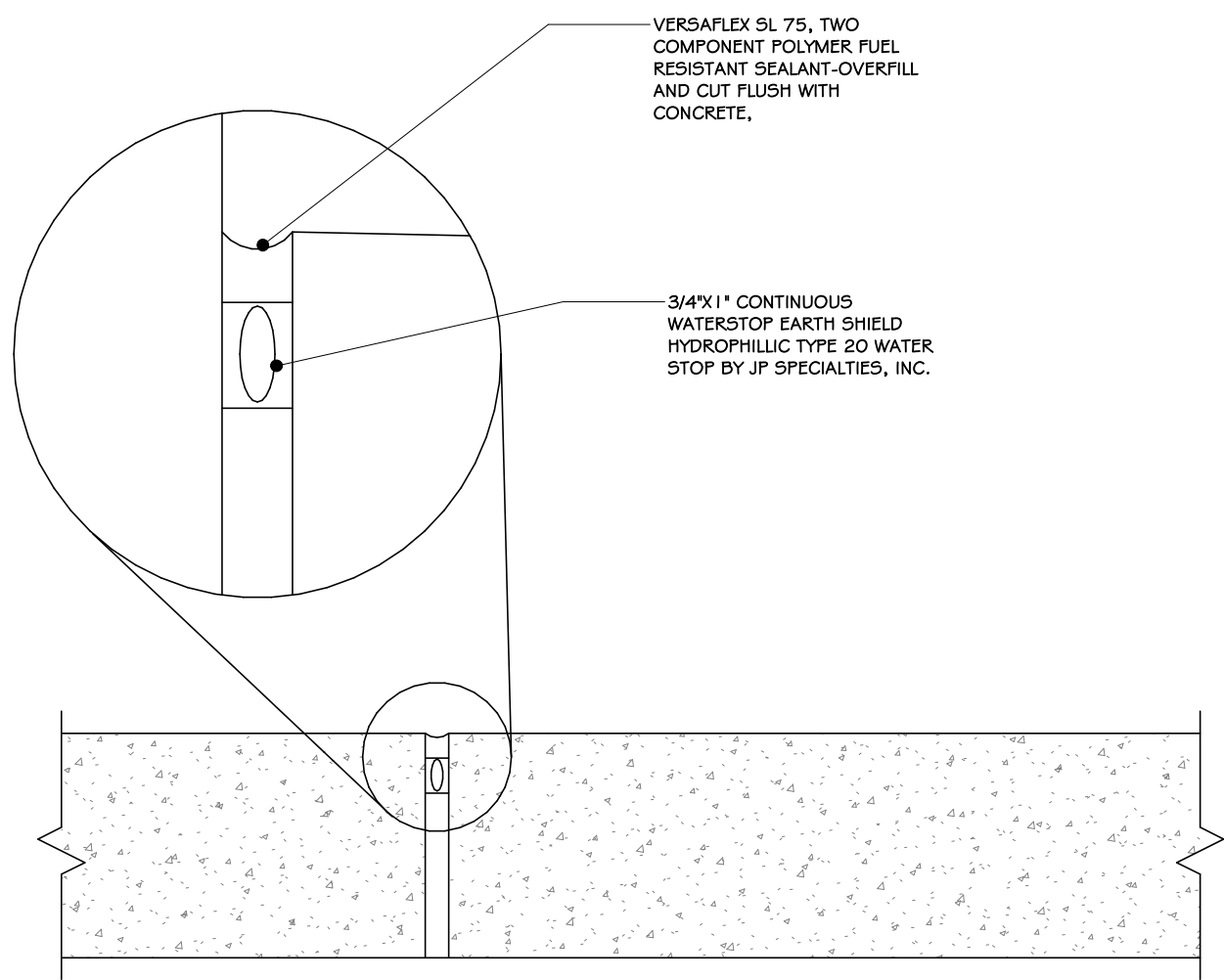




- NOTE:**
1. THE FOLLOWING APPLIES FOR MA SYSTEM ONLY. FOR INSULATION THICKNESSES GREATER THAN 8", CONTACT MANUFACTURERS APPROVED CONTRACTOR SERVICES FOR ALTERNATE ATTACHMENT REQUIREMENTS. THESE METHODS MAY INCLUDE THE USE OF A HARD BOARD COVERING THE ASSEMBLY.
  2. PLATES AND SCREWS 4" O.C. REQD FOR BA SYSTEMS.
  3. APPLY MANUFACTURERS TPO/EPDM AND PVC CUT EDGE SEALANT TO ALL CUT REINFORCED TPO/EPDM AND PVC EDGES.

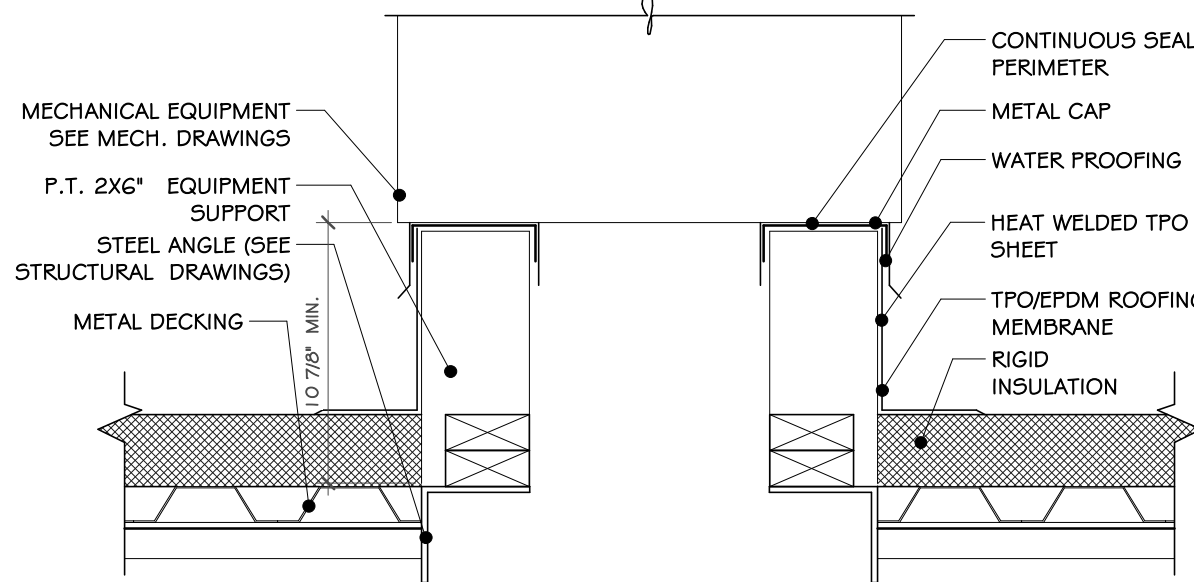
### 1 WALL FLASHING-COATED METAL EDGE

3/4" = 1'-0"



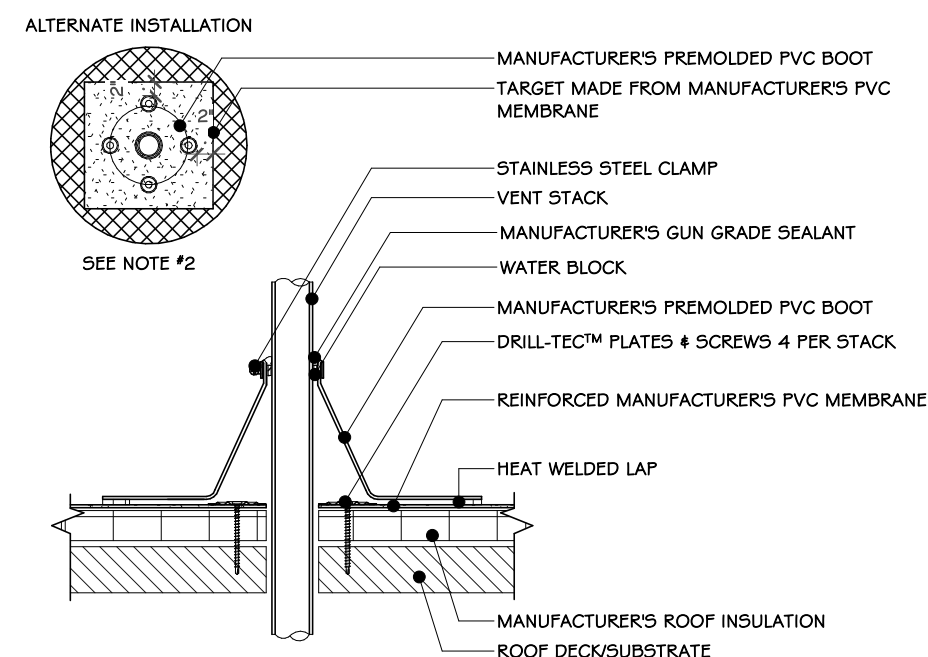
### 2 SEALANT DETAIL

3" = 1'-0"



### 3 ROOF CURB DETAIL

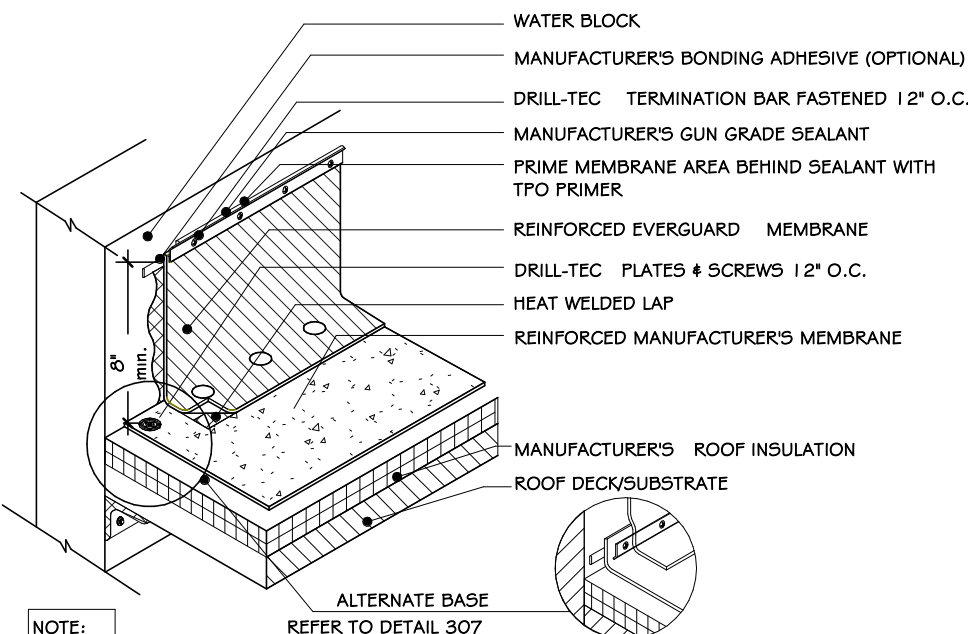
1 1/2" = 1'-0"



- NOTE:**
1. IF THE PLATES AND FASTENERS INTRUDE INTO BOOT FLANGE ARE, THEN A TARGET MUST FIRST BE INSTALLED OVER PLATES AND FASTENERS BEFORE BOOT INSTALLATION.
  2. APPLY MANUFACTURERS PVCC CUT EDGE SEALANT TO ALL CUT REINFORCED PVC EDGES OF TARGET IF USED.

### 4 PREMOLDED PENETRATION FLASHING

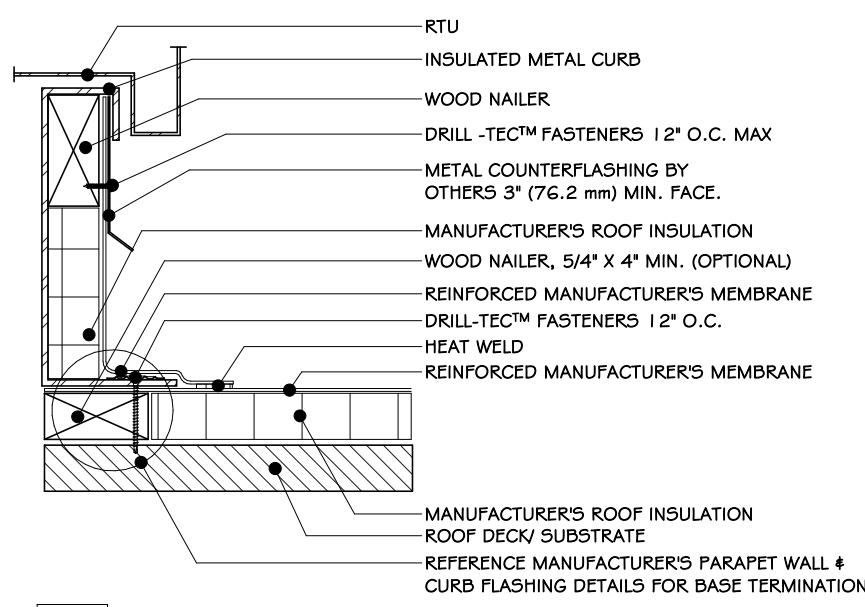
3/4" = 1'-0"



- NOTE:**
1. STONE/PAVER BALLAST (NOT SHOWN) REQD FOR BA SYSTEMS.
  2. PLATES & SCREWS 6" O.C. REQD FOR BA SYSTEMS.
  3. INCREASED FASTENING TO 4" O.C. MAY BE REQUIRED TO KEEP CONSTANT COMPRESSION OF BAR TO WALL.
  4. FOR INSULATION THICKNESS GREATER THAN 8" CONTACT GAFMC CONTRACTOR SERVICES FOR ALTERNATE MEMBRANE ATTACHMENT REQUIREMENTS FOR ALTERNATE ATTACHMENT REQUIREMENTS. THESE METHODS MAY INCLUDE THE USE OF A HARD BOARD COVERING THE ASSEMBLY.
  5. APPLY MANUFACTURERS TPO AND PVC CUT EDGE SEALANT TO ALL CUT REINFORCED TPO AND PVC EDGES (REFER TO DETAIL MAFRMA 115).

### 5 WALL CURB FLASHING TERMINATOR BAR

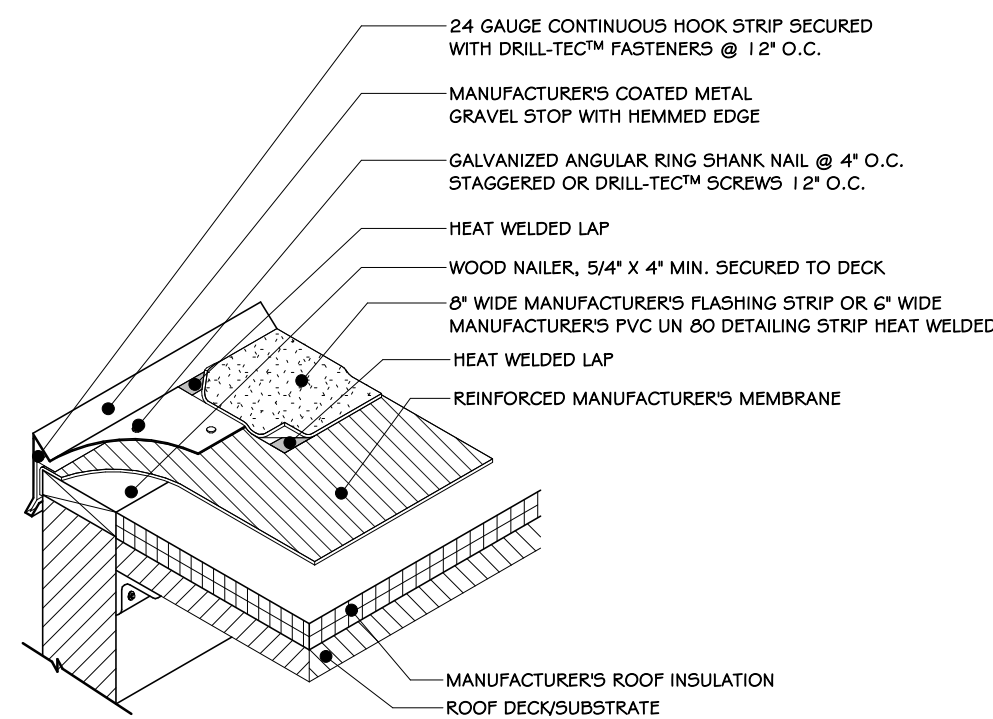
3/4" = 1'-0"



- NOTE:**
1. METAL COUNTERFLASHING IS NOT REQ. IF MEMBRANE IS RUN UP AND OVER CURB WALLS PRIOR TO INSTALL OF R.T.U.
  2. INSTALL METAL WORK IN ACCORDANCE WITH CURRENT SMACNA RECOMMENDATIONS.
  3. PLATES & SCREWS 6" O.C. REQD FOR BA SYSTEMS.
  4. APPLY MANUFACTURERS TPO/EPDM AND PVC CUT EDGE SEALANT TO ALL CUT REINFORCED TPO/EPDM AND PVC EDGES.

### 6 TERMINATION @ R.T.U.

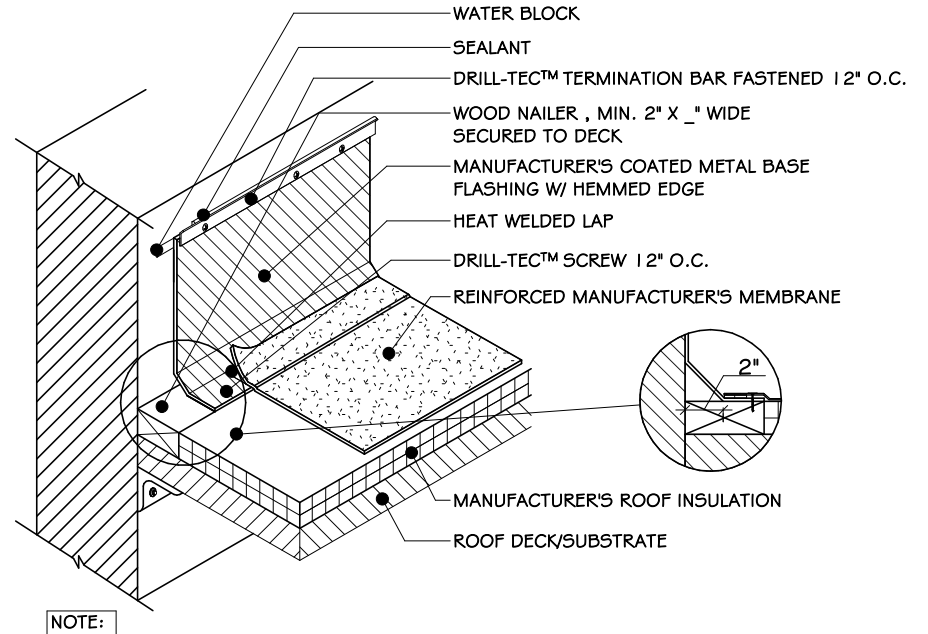
3/4" = 1'-0"



- NOTE:**
1. ADD BALLAST PER SPEC. FOR BA SYSTEMS.
  2. APPLY MANUFACTURERS TPO/EPDM AND PVC CUT EDGE SEALANT TO ALL CUT REINFORCED TPO/EPDM AND PVC EDGES.

### 7 GRAVEL METAL STOP @ ROOF EDGE

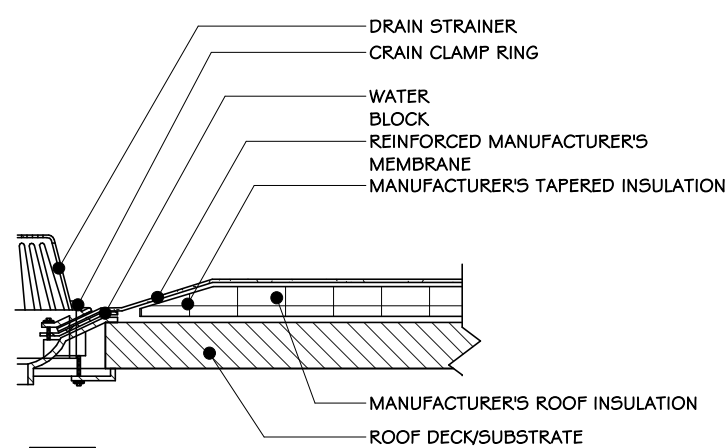
3/4" = 1'-0"



- NOTE:**
1. FOR 20 YR. WARRANTY, COUNTERFLASHING MUST BE USED. ADD WATER BLOCK BEHIND COATED METAL AND SECURE TOP OF METAL WITH APPROVED FASTENERS.
  2. FOR 15 YR. WARRANTY, ADD WATER BLOCK BEHIND COATED METAL, ADD TERMINATION BAR EVEN WITH TOP OF COATED METAL, SECURE BAR 12" O.C. AND ADD MANUFACTURERS APPROVED SEALANT IN A ROOF SO THAT BOTH COATED METAL AND TERMINATION BAR ARE COVERED.
  3. APPLY MANUFACTURERS TPO/EPDM AND PVC CUT EDGES SEALANT TO ALL CUT REINFORCED TPO/EPDM AND PVC EDGES.

### 8 WALL CURB COATED METAL FLASHING

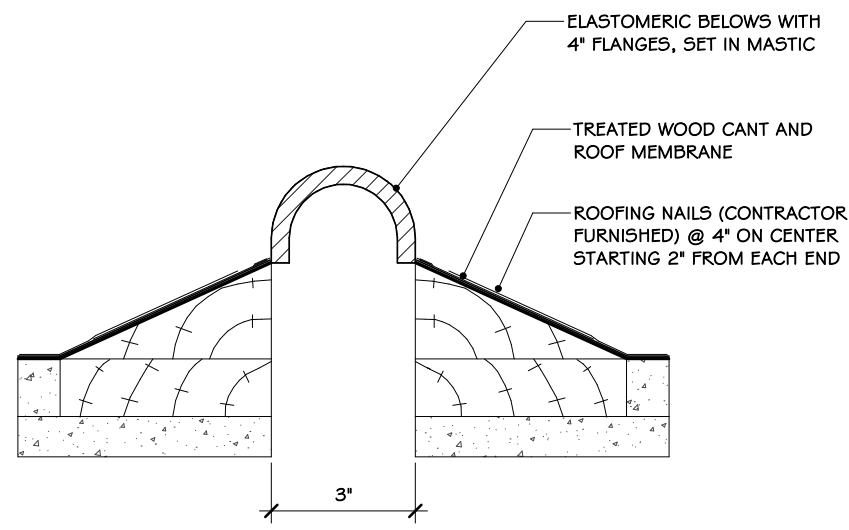
3/4" = 1'-0"



- NOTE:**
1. A FIELD WELD CANNOT PASS WITHIN 2" OF THE CLAMPING OR WITHIN THE DRAIN SLUMP ITSELF.
  2. MEMBRANE MUST EXTEND MINIMUM 1" BEYOND THE BOLT HOLES. THE CLAMPING RING BOLTS MUST PENETRATE THE MEMBRANE.
  3. TAPERED INSULATION TO CREATE A ROOF SLUMP MINIMUM 3/8\"/>

### 9 STANDARD ROOF DRAIN

3/4" = 1'-0"

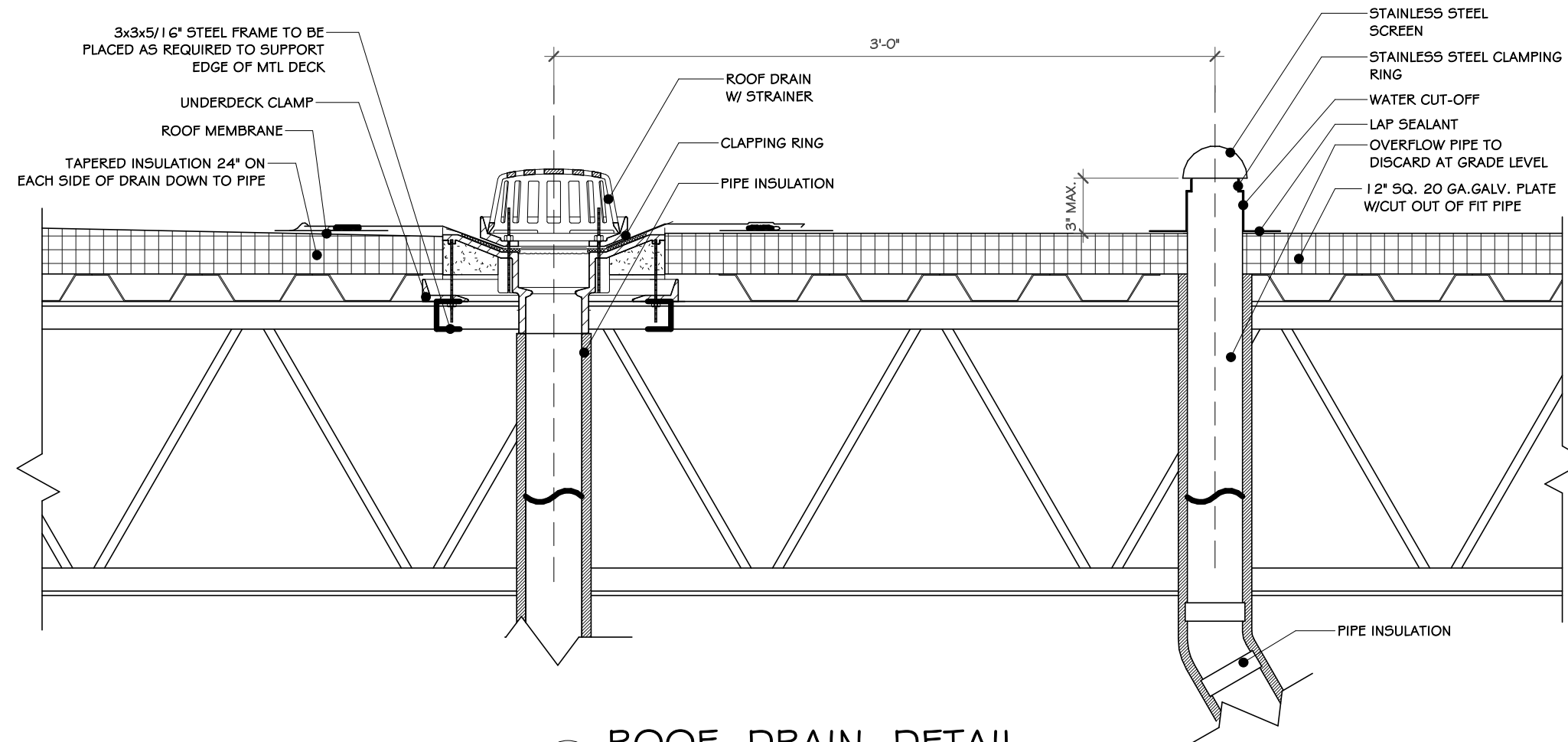


672-001-075

Joint Width	Movement:			
	Horizontal		Vertical	
US mm	US	mm	US	mm
3"	76	1-1/2"	3/8	1-1/2"
			3/8	3/8

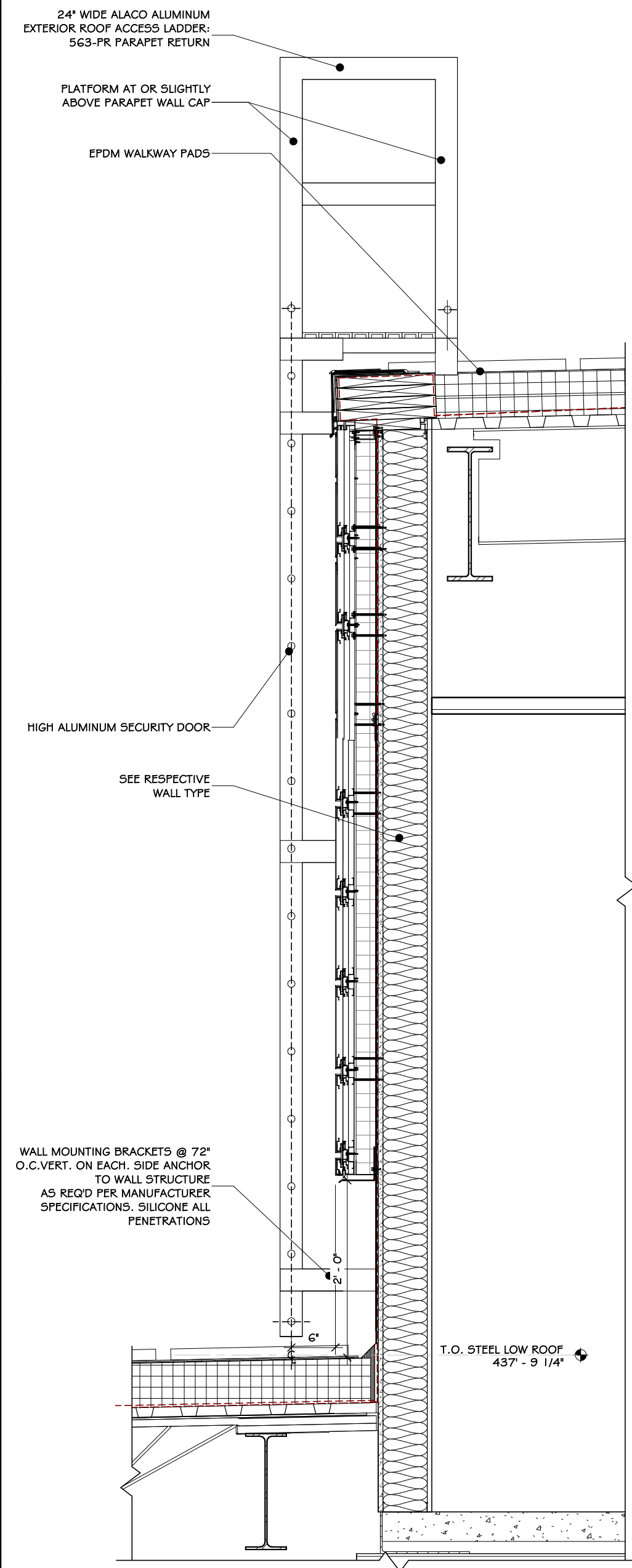
### 10 ROOF EXPANSION JOINT

3" = 1'-0"



### 11 ROOF DRAIN DETAIL

1 1/2" = 1'-0"



### 12 ROOF TRANSITION LADDER DETAIL

3/4" = 1'-0"

100%

BID DOCUMENTS

REVISIONS:

NUM.	DATE	DESCRIPTION

ADG ARCHITECTS

25 WALLKILL AVE • MONTGOMERY • NY 12549  
O. 845.294.2724 | F. 888.305.6442  
WWW.ADGARCHITECT.COM  
CONTACT@ADGARCHITECT.COM

ARCHITECTURE • PLANNING • INTERIORS

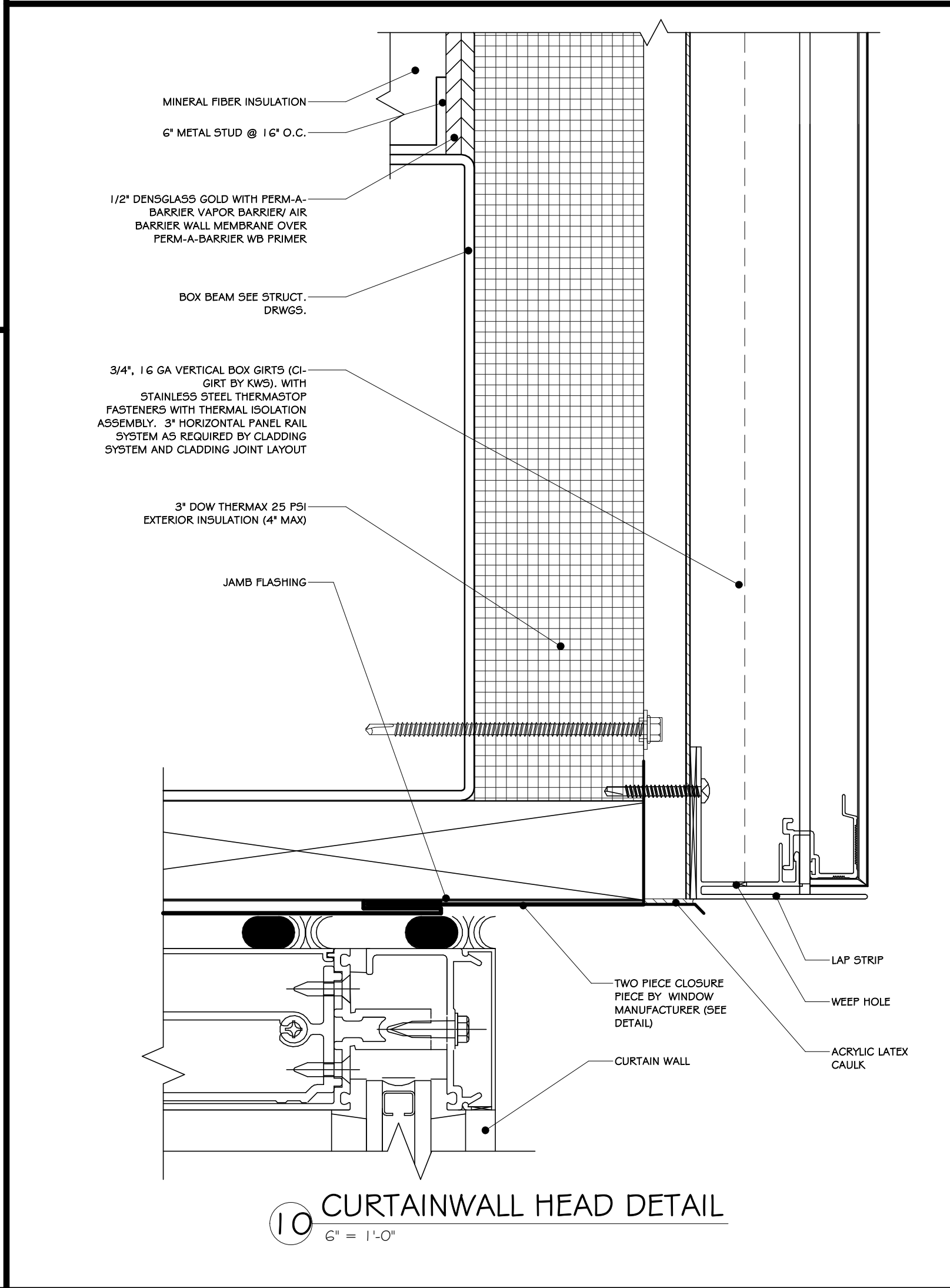
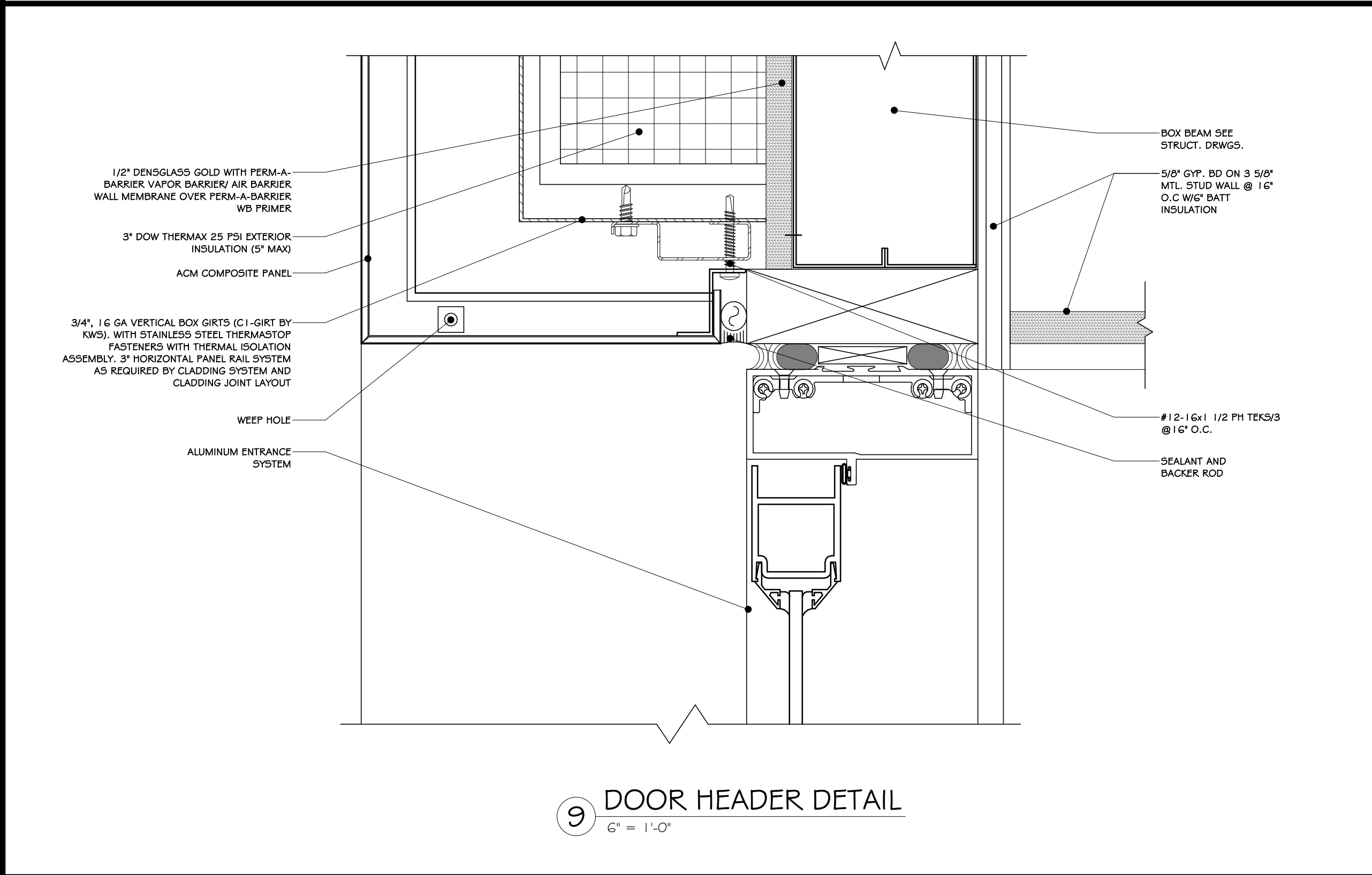
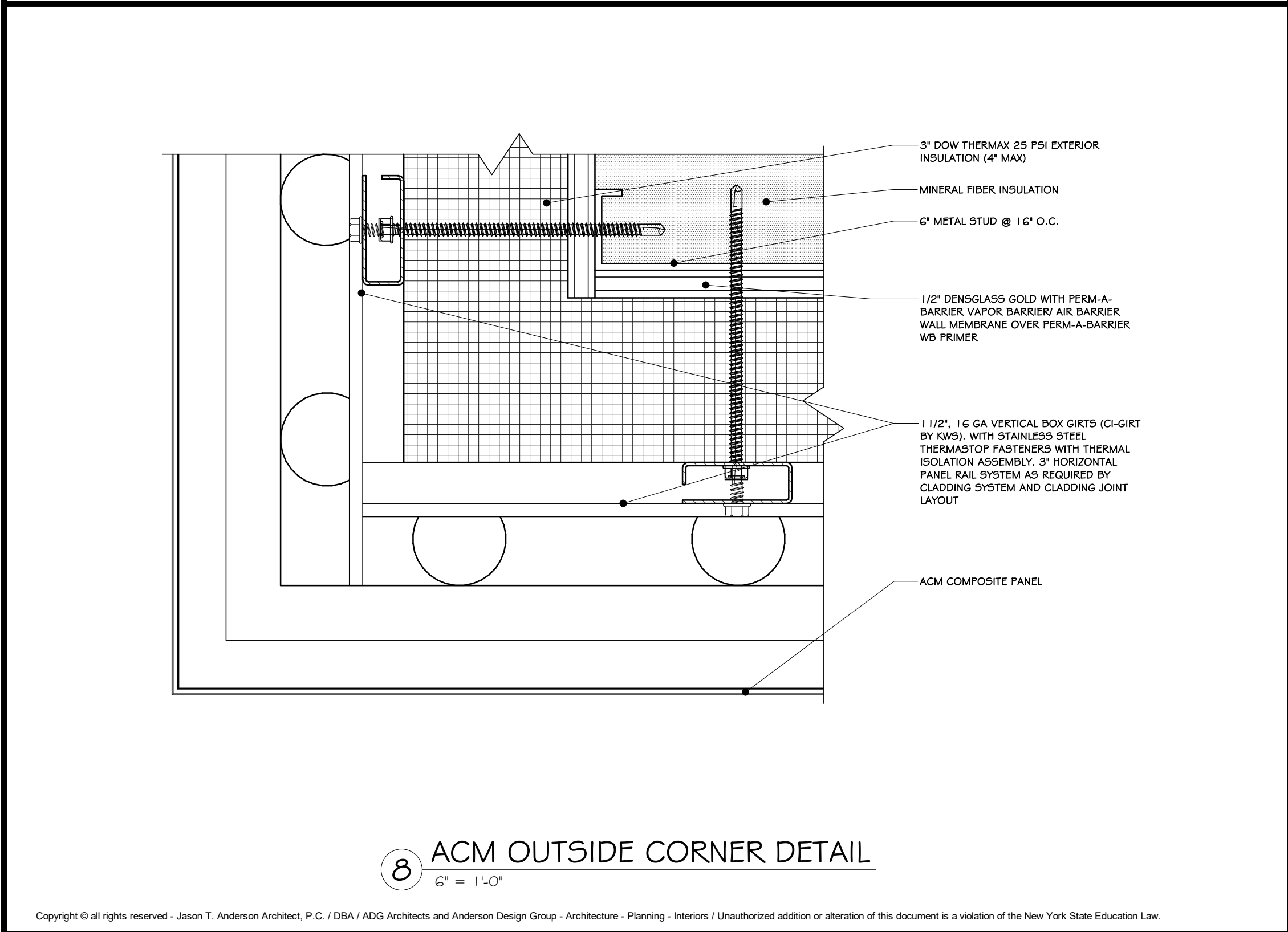
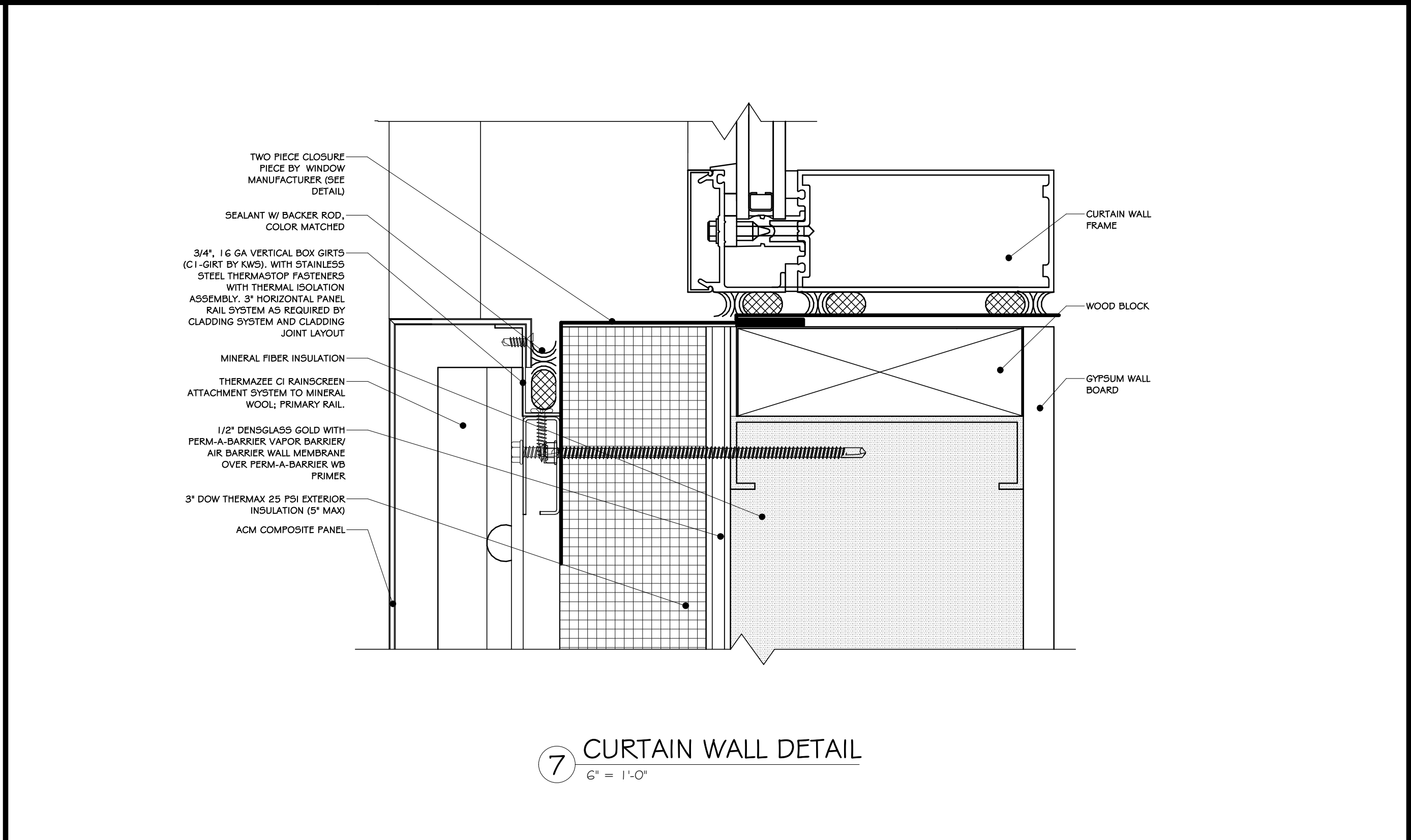
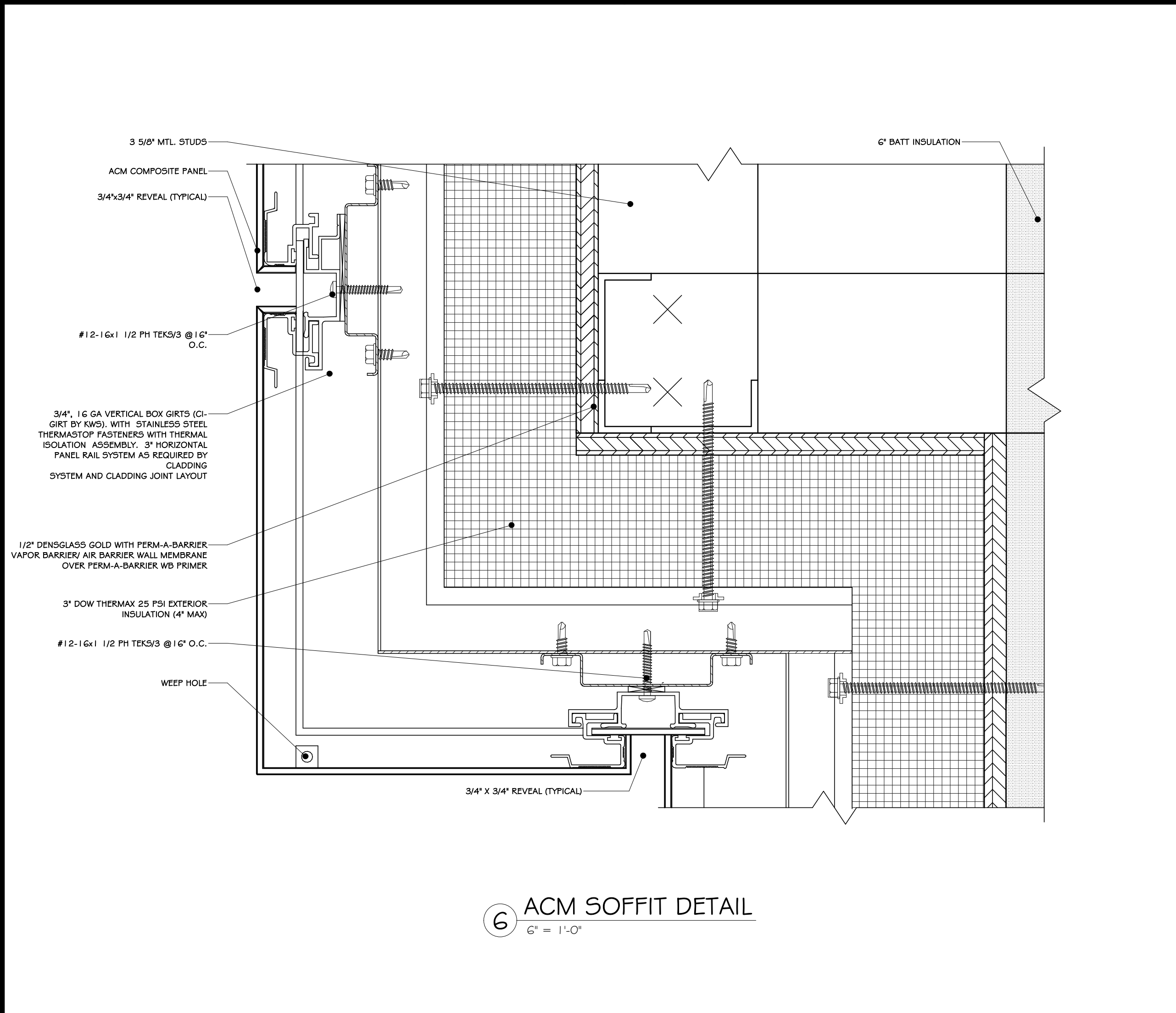
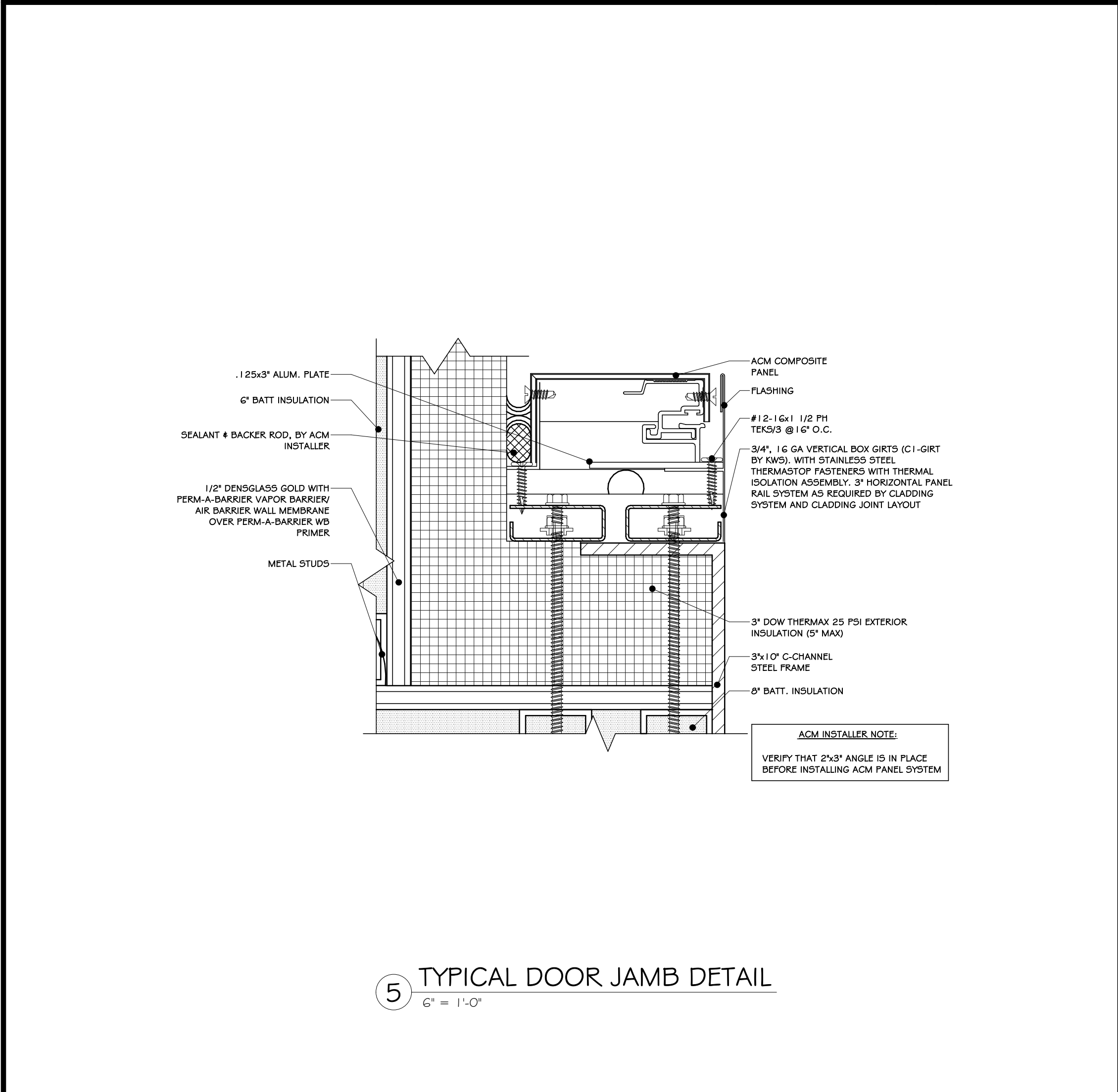
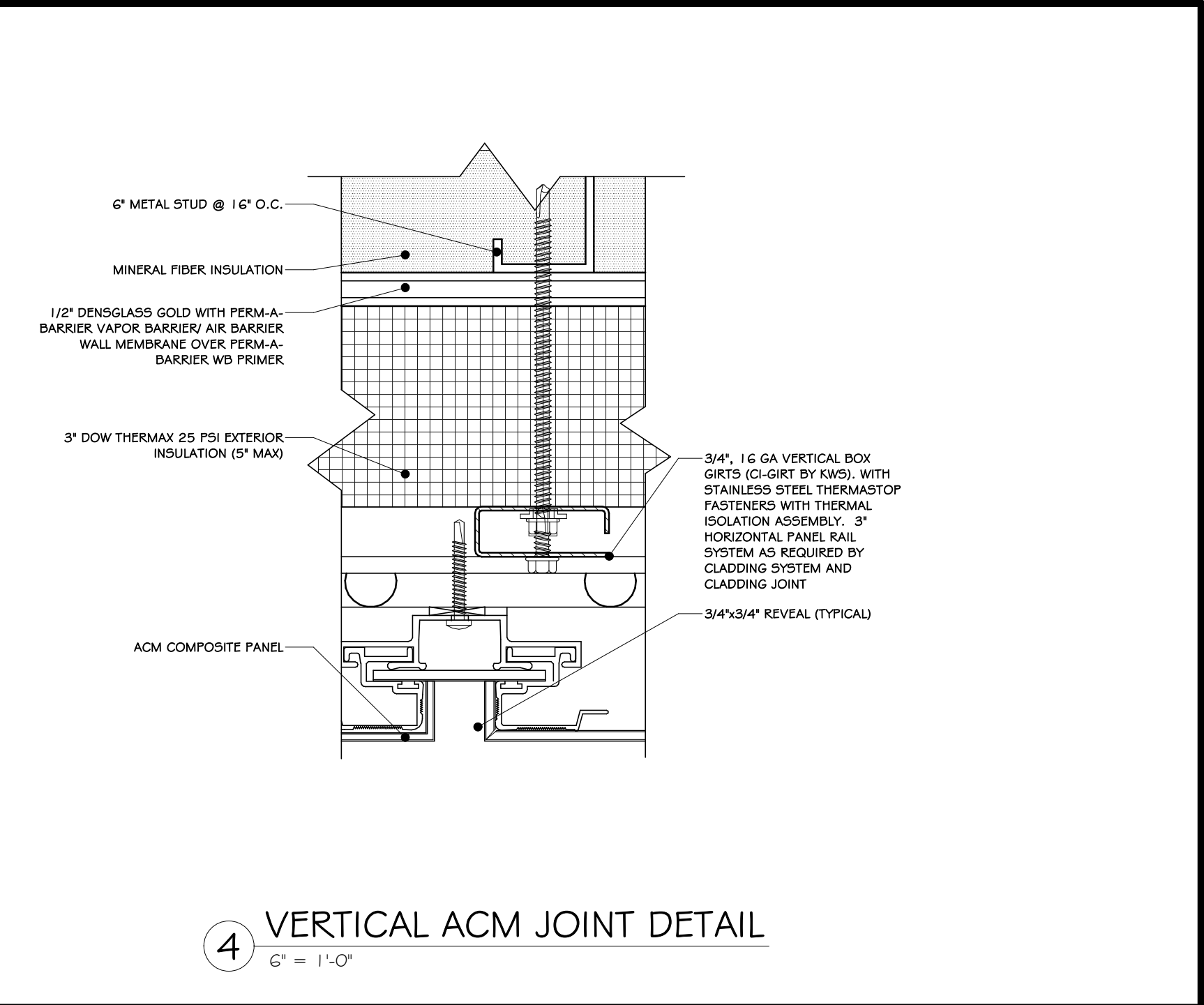
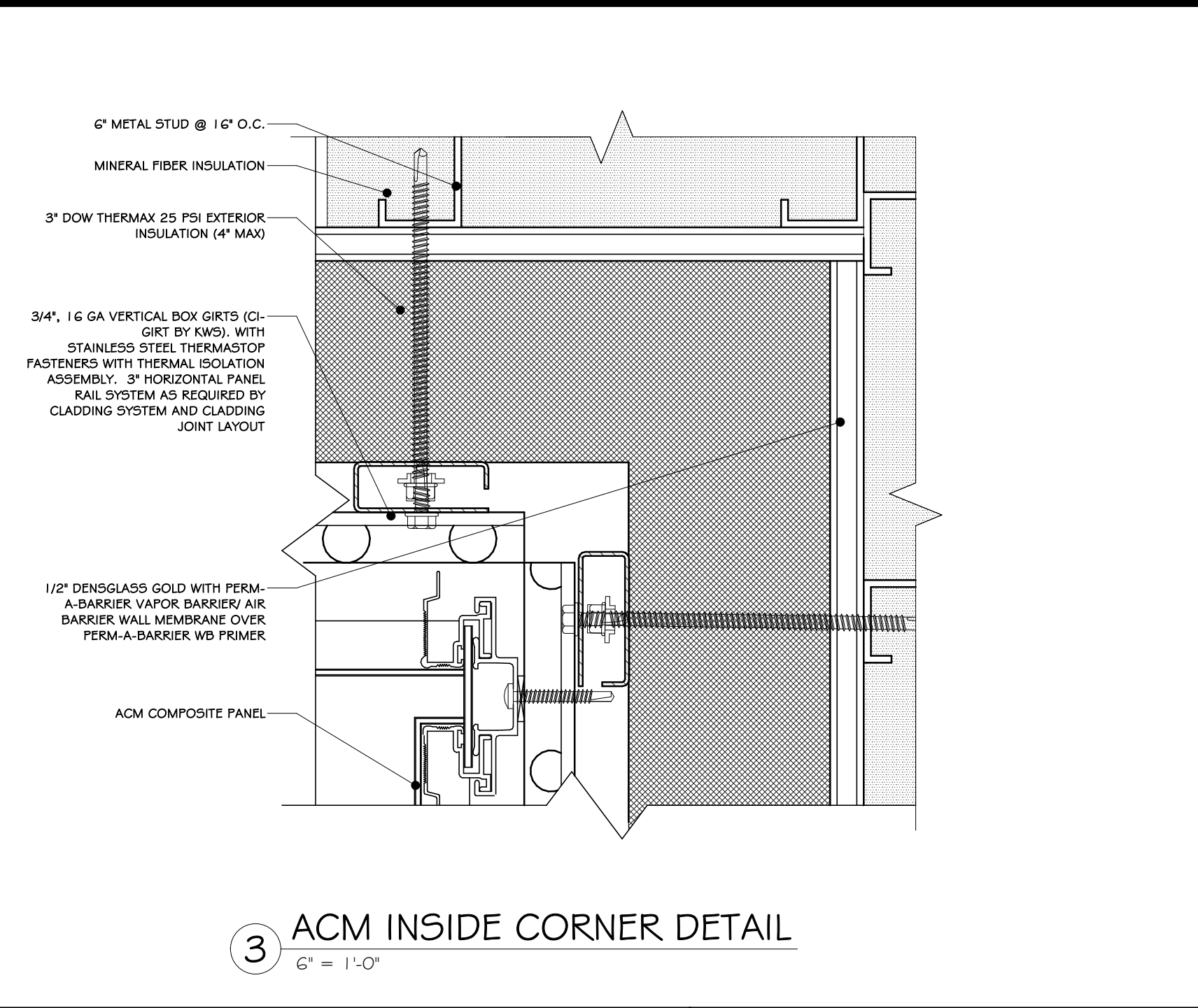
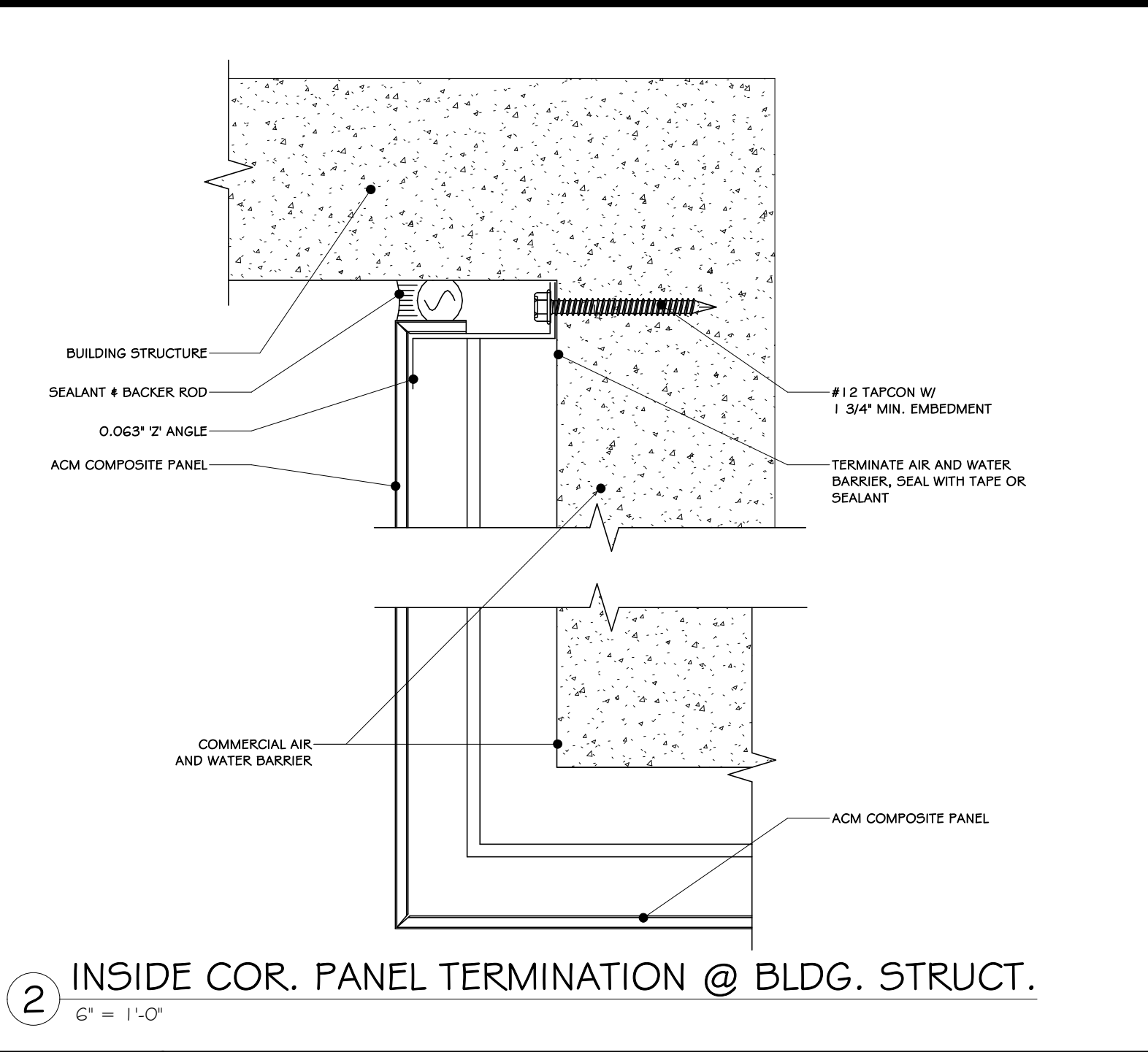
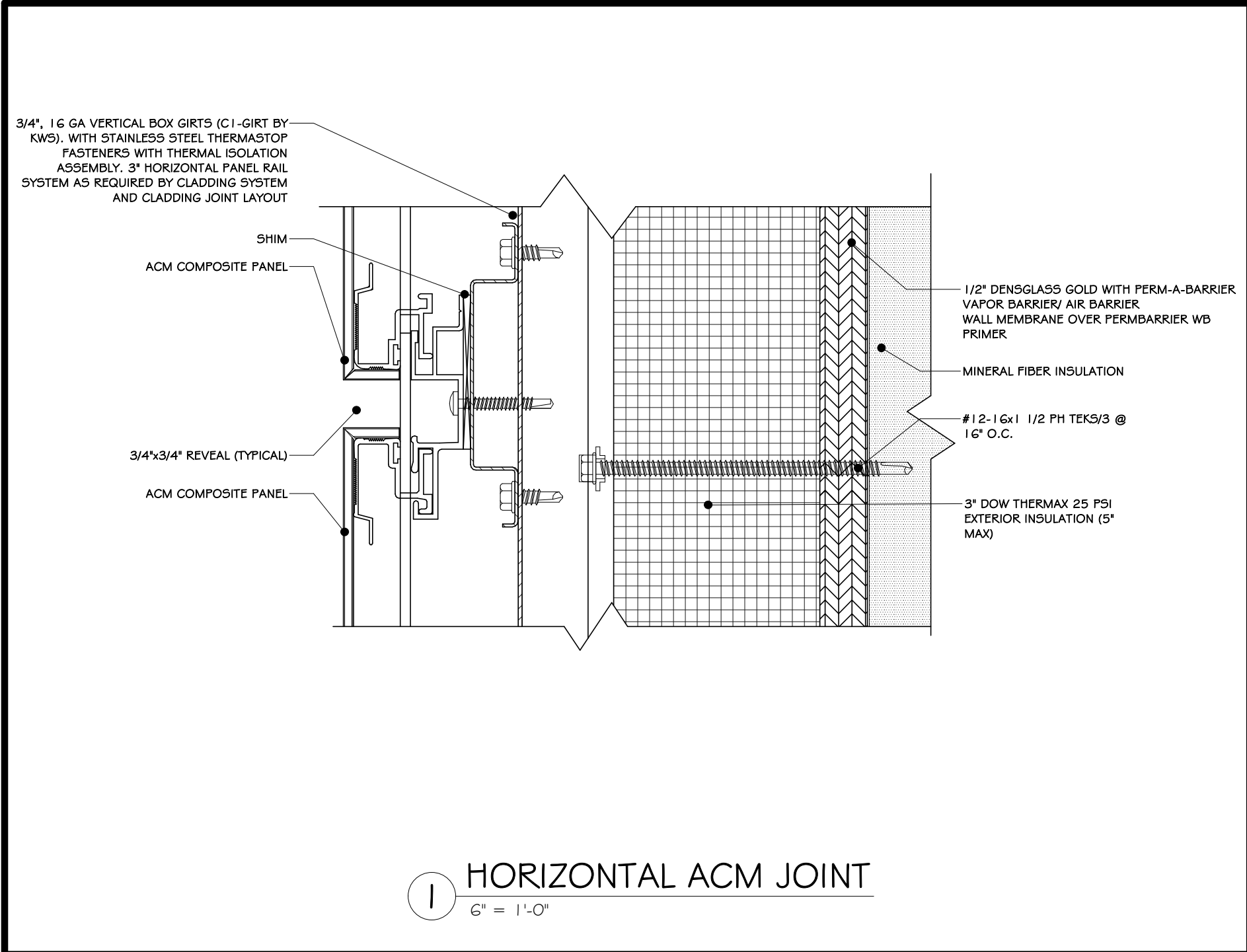
Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: ROOFING DETAILS

REGISTERED ARCHITECT  
JASON T. ANDERSON  
12/1/2014  
033127  
STATE OF NEW YORK

Project: 23138  
Date: 02/24/25  
Drawn: IDEA  
Scale: AS NOTED  
Drawing Number:  
A-612





NOTES:

- THESE TYPICAL DETAILS ARE FOR GENERAL INSTALLATION OF ACM PANELS ONLY. MANUFACTURER'S STANDARD MUST BE FOLLOWED TO MAINTAIN WARRANTY. BUILDING ENVELOPE INFORMATION IS NOT SHOWN THESE DETAILS. SEE SECTIONS AND MOISTURE BARRIER DETAILS FOR ENVELOPE DETAILS.
- NOT ALL DETAILS MAY BE USED ON THIS PROJECT.

100% **BID DOCUMENTS**


REVISIONS:		
NUM.	DATE	DESCRIPTION

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Project: **TOWN OF MONTGOMERY POLICE STATION**  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: **ACM DETAILS**



Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-613**

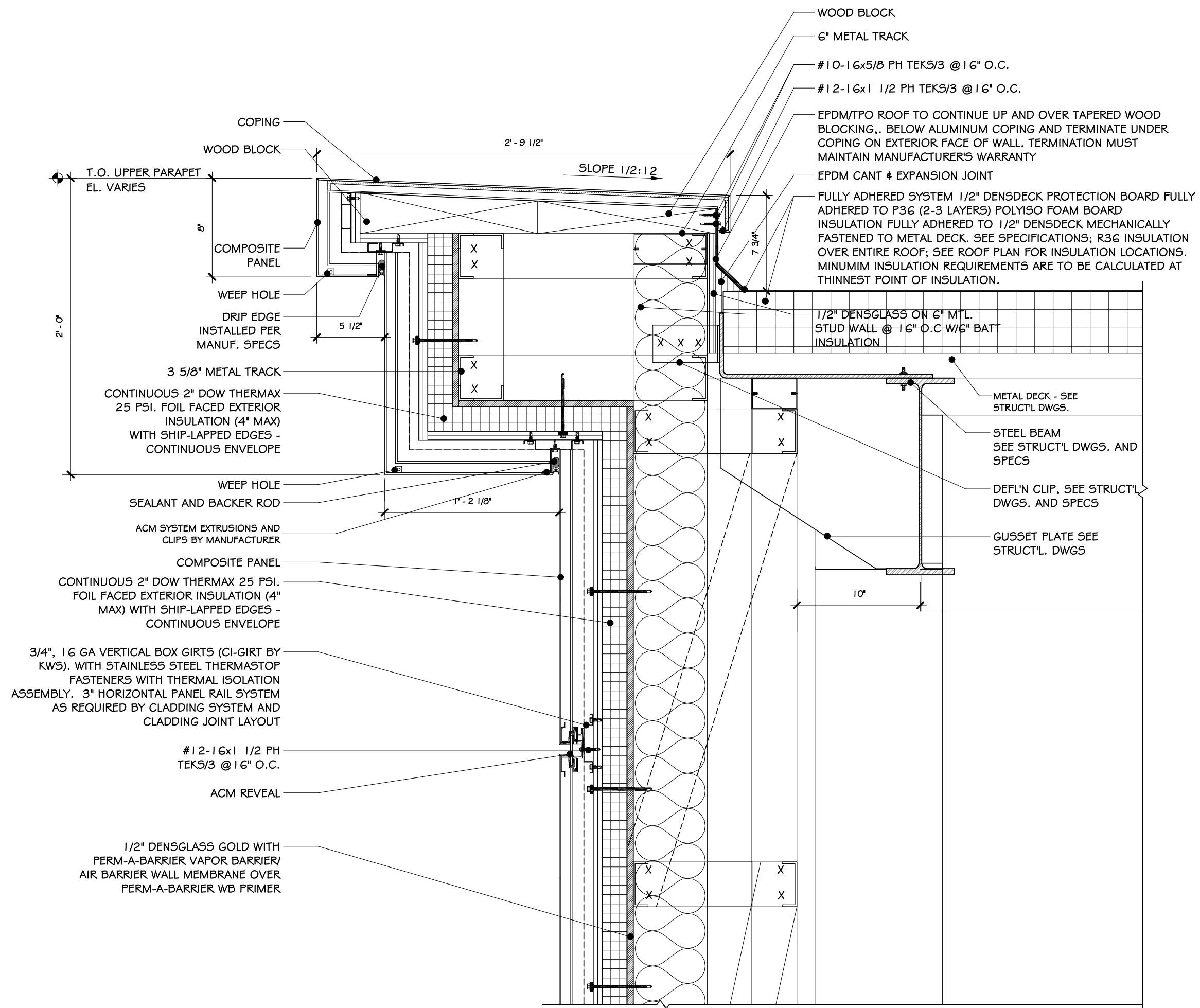




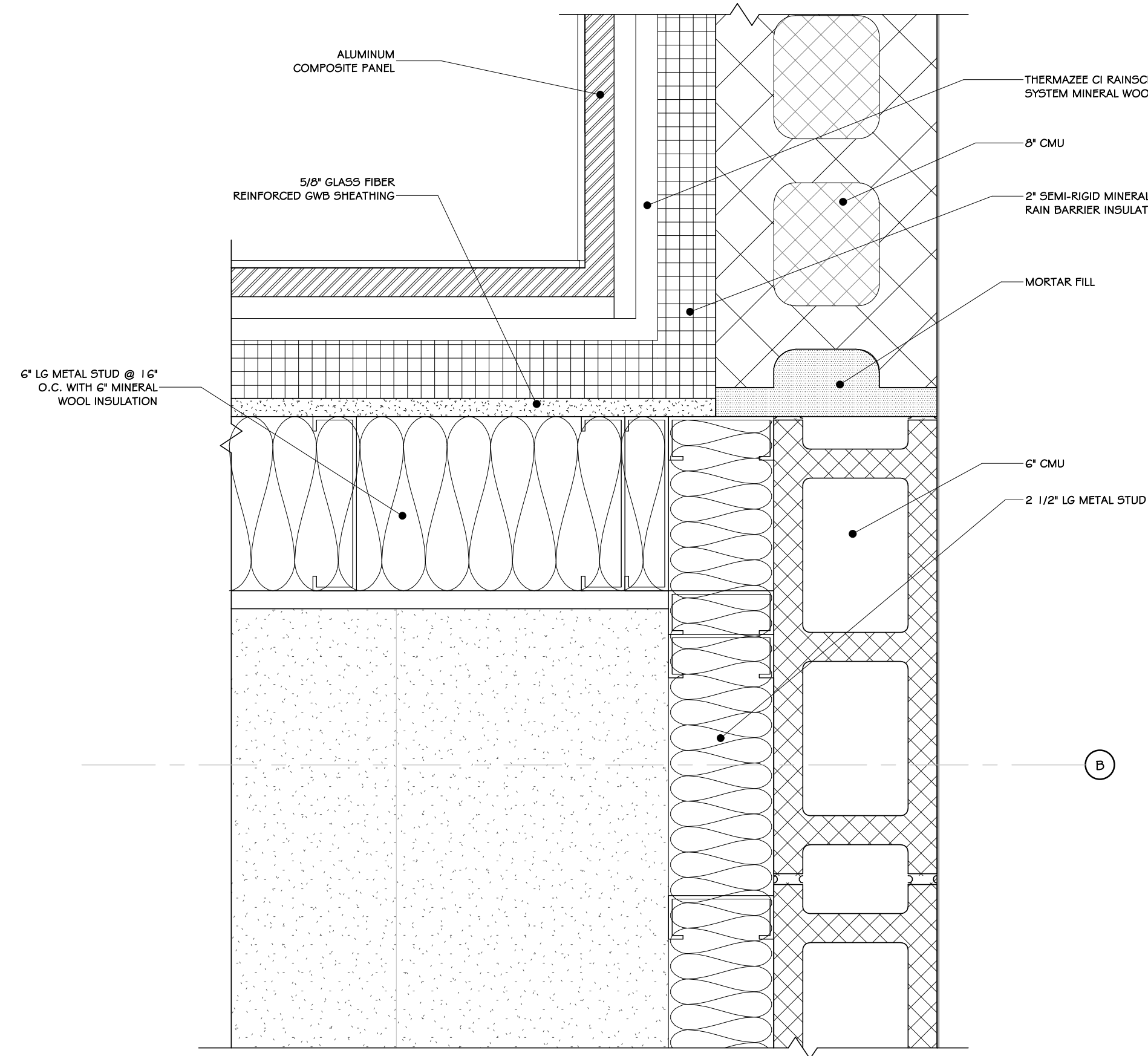
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A-614

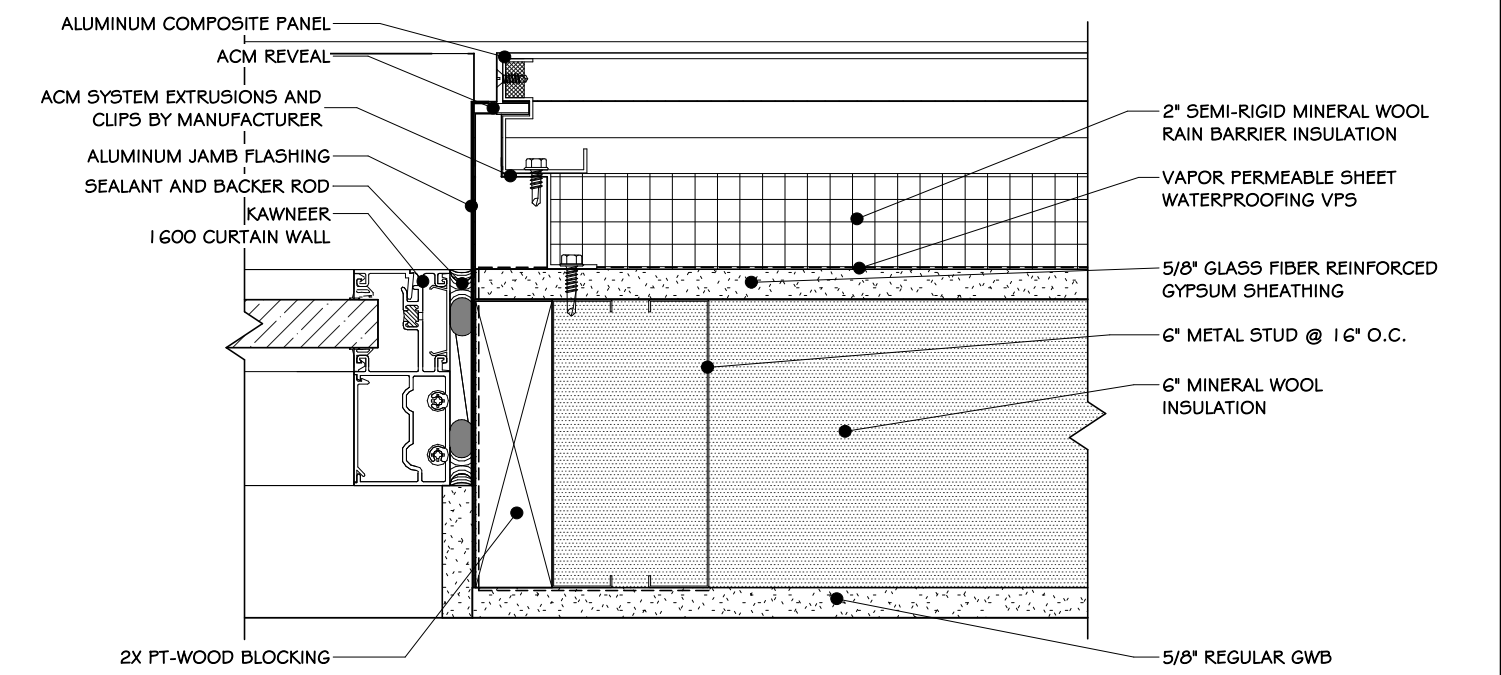




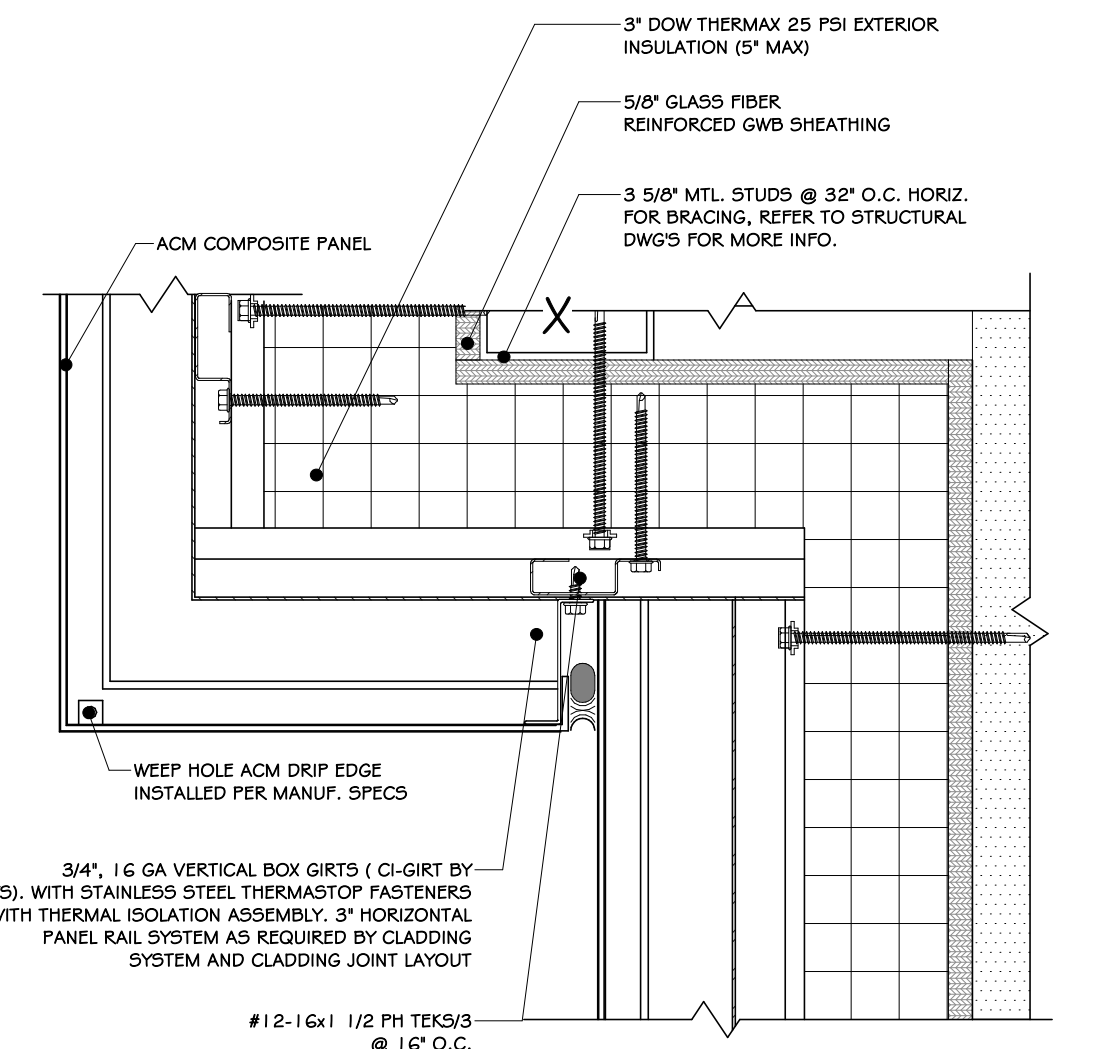
1 DEEP FASCIA / SOFFIT DETAIL  
1 1/2" = 1'-0"



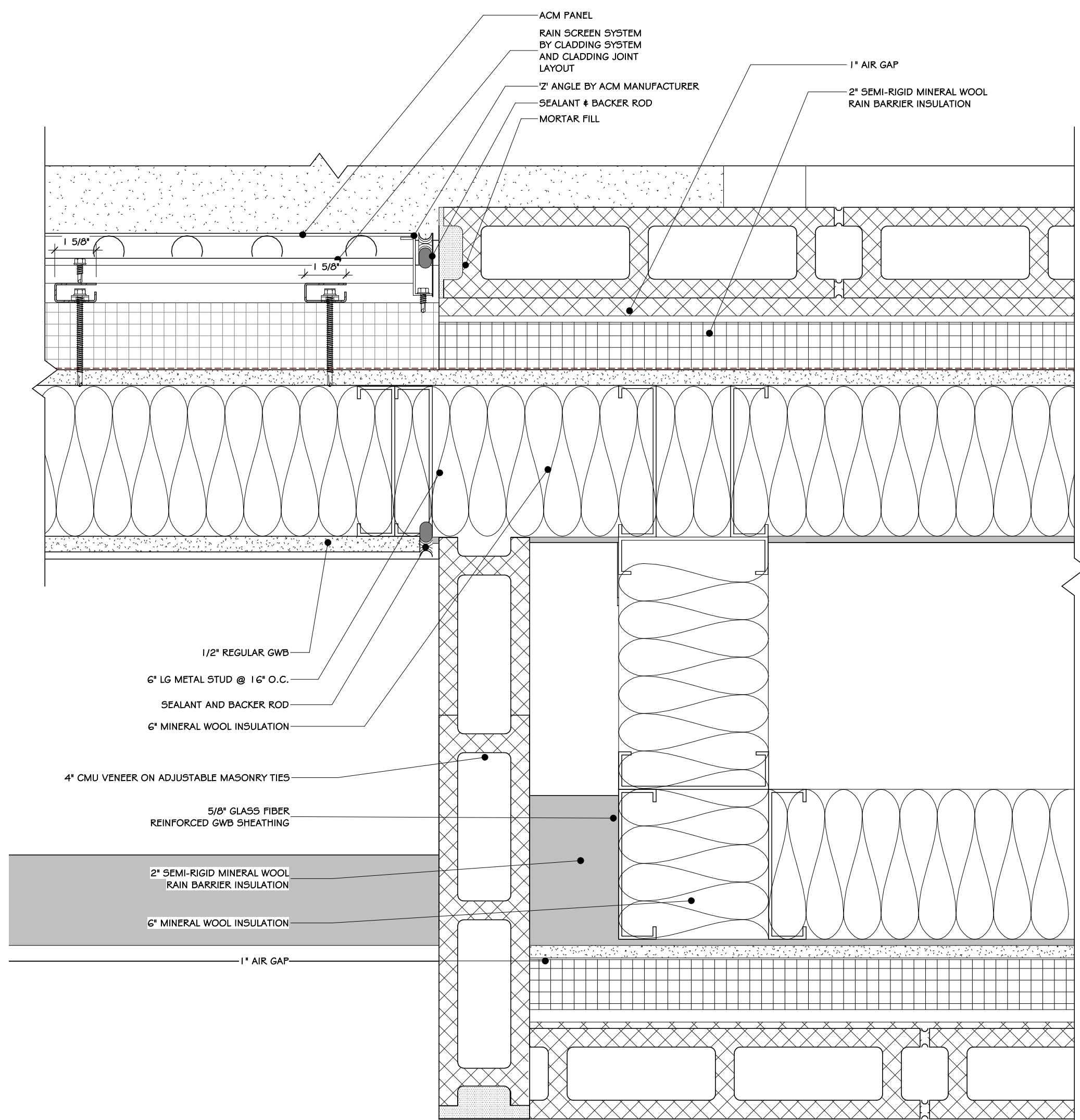
3 WALL TRANSITION DETAIL  
3" = 1'-0"



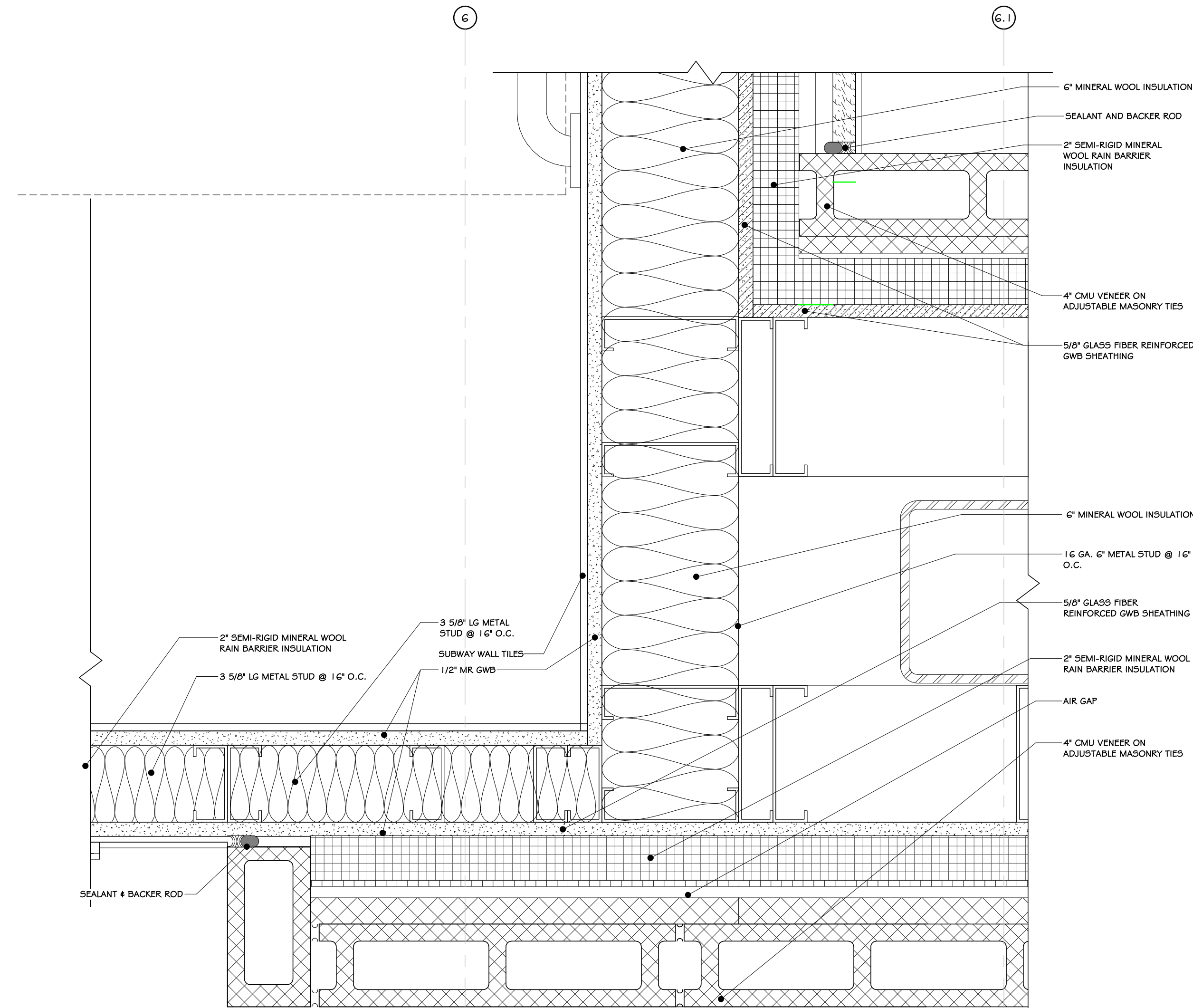
5 WINDOW DETAILS  
3" = 1'-0"



6 SOFFIT TRANSITION DETAIL  
3" = 1'-0"



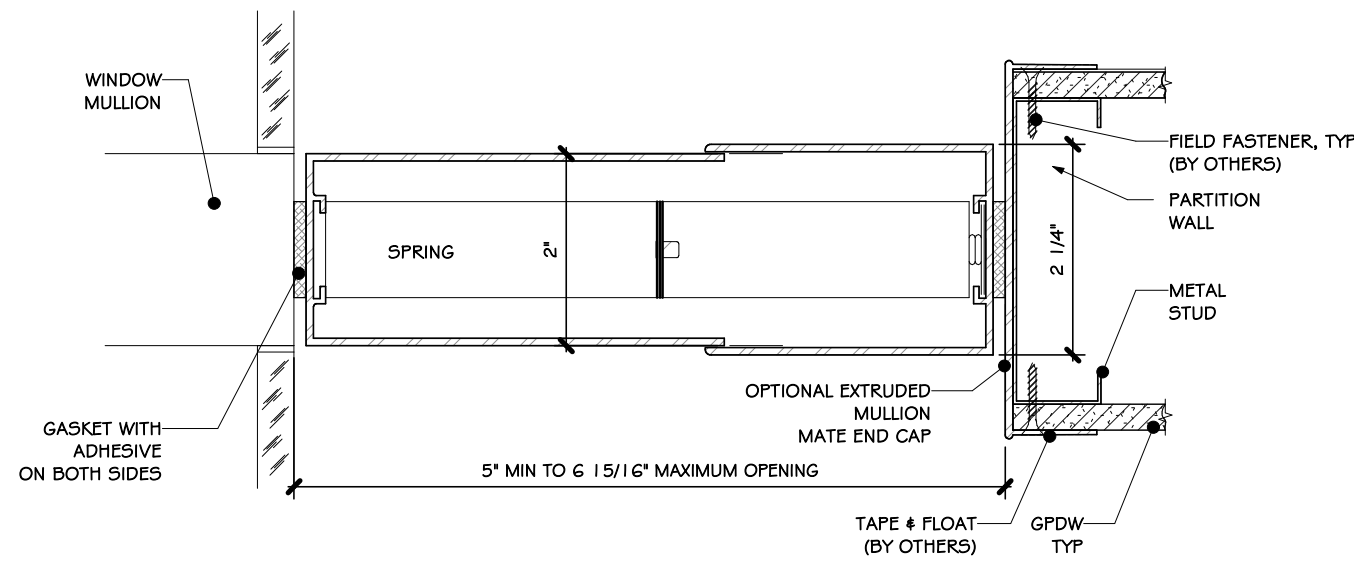
2 STONE VENEER & ACM TRANSITION DETAIL  
3" = 1'-0"



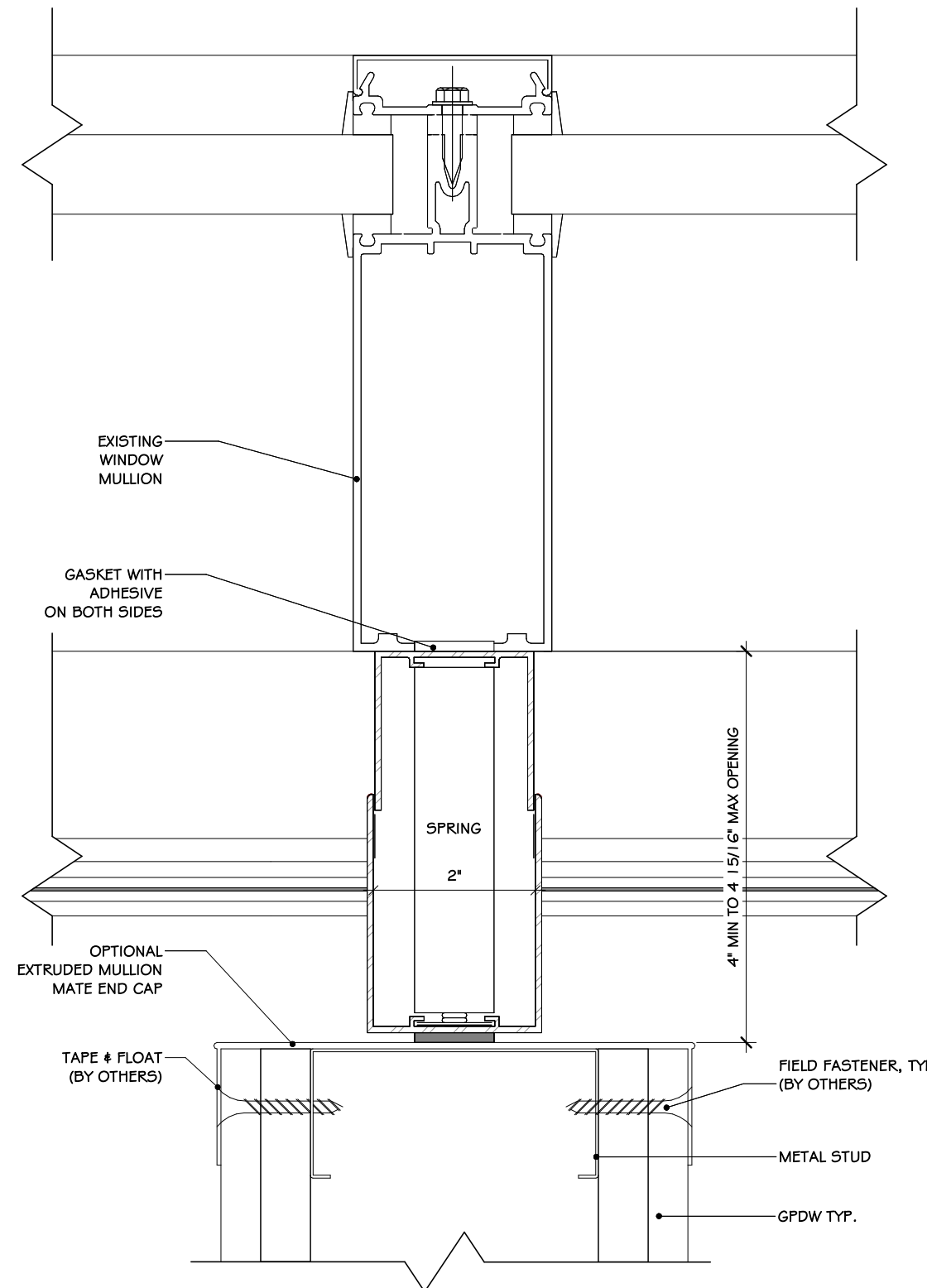
4 STONE VENEER INSIDE CORNER FRAMING DETAIL  
3" = 1'-0"

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106 BRACKEN ROAD			
MONTGOMERY, NEW YORK 12549			
Drawing: ACM DETAILS			
Project: 23138		Date: 02/24/25	
Drawn: IDEA		Scale: AS NOTED	
Drawing Number:		A-615	

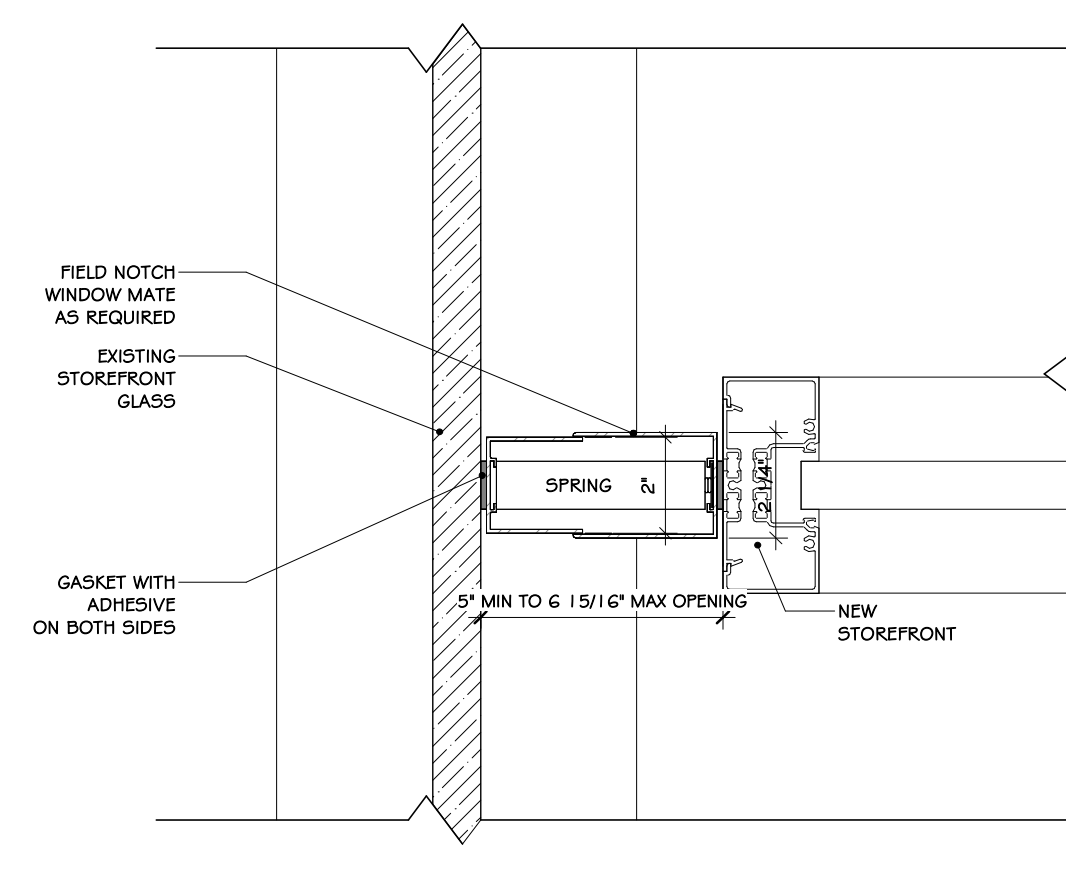




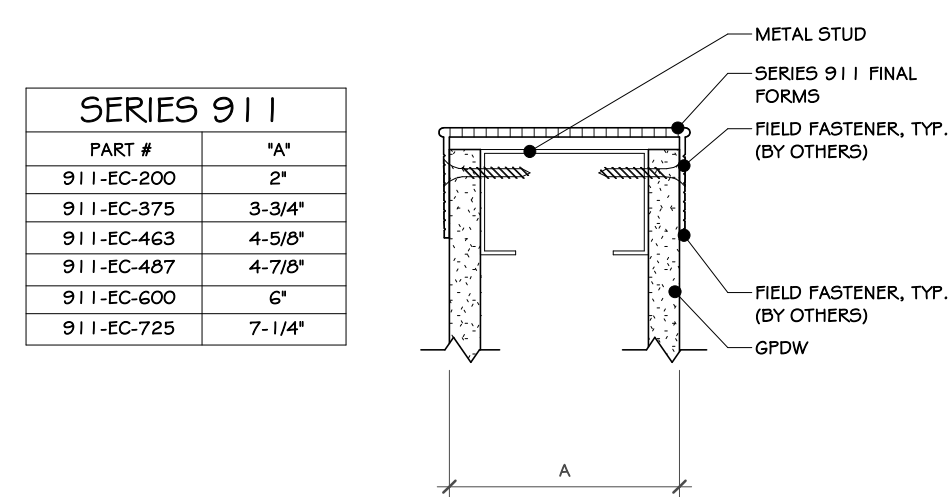
1 MULLION MATE 5 SECTION DET.  
6" = 1'-0"



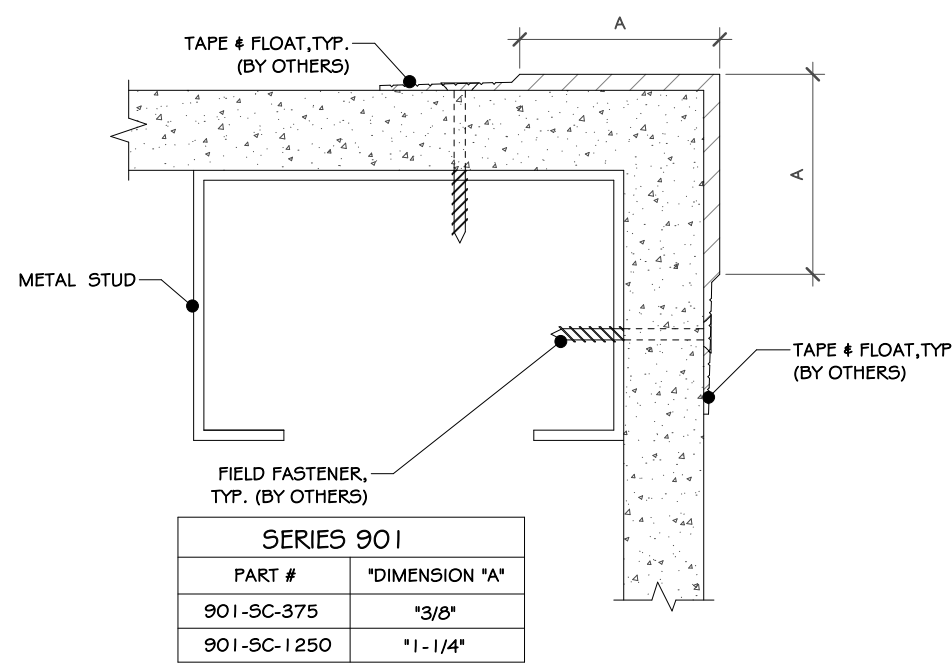
2 MULLION MATE 4 SECTION DET.  
6" = 1'-0"



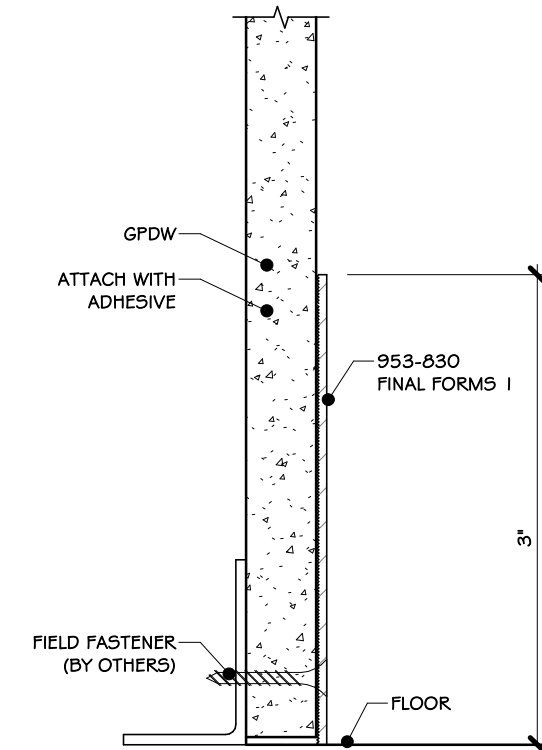
3 WINDOW MATE ON GLASS  
3" = 1'-0"



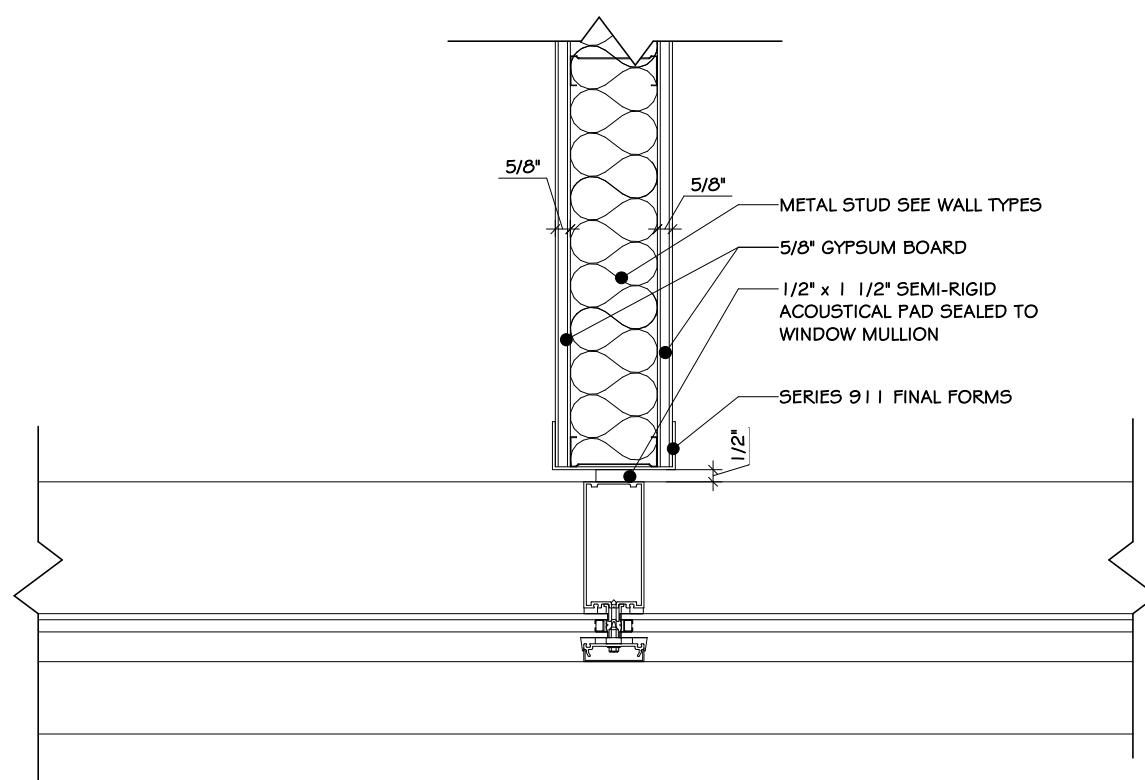
4 FINAL FORMS I SERIES 911 DET.  
1" = 1'-0"



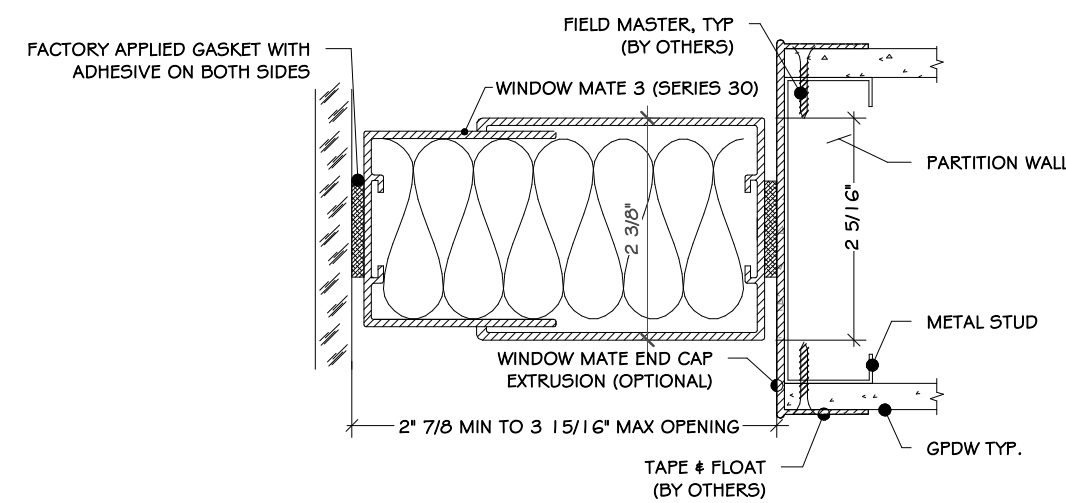
5 FINAL FORMS I SERIES 901 DET.  
1" = 1'-0"



6 FINAL FORMS I 953-830 DET.  
1" = 1'-0"



7 WALL TO MULLION TRANSITION-TYP.  
1 1/2" = 1'-0"



8 WINDOW MATE SECTION DETAIL  
6" = 1'-0"

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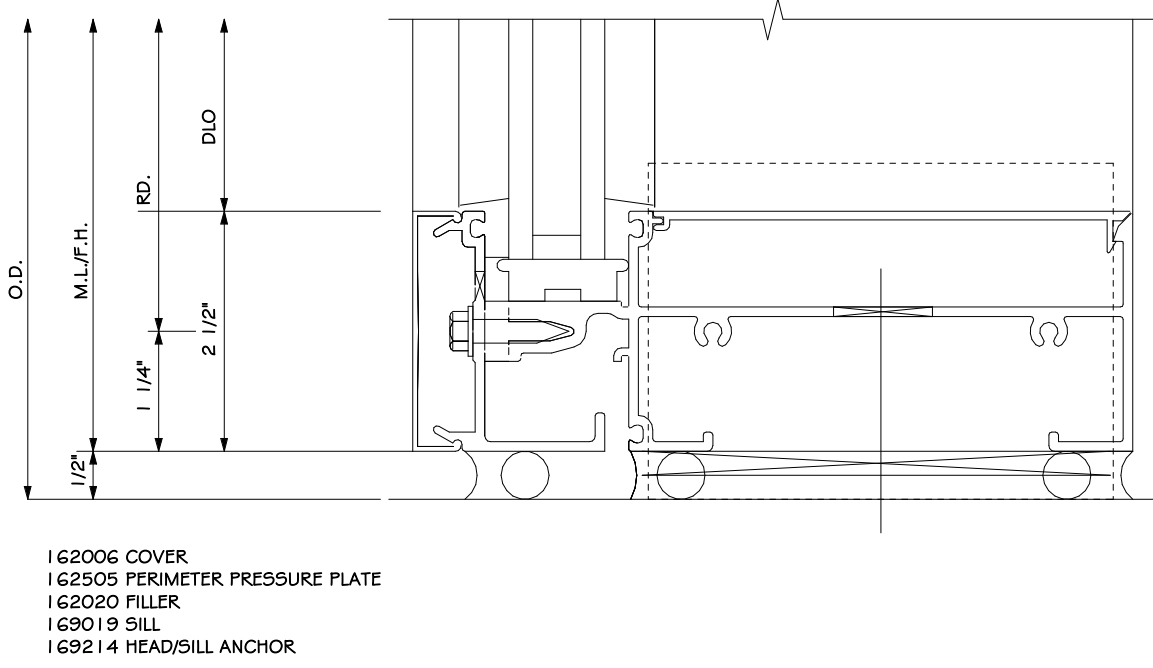
Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: MULLION MATE DETAILS

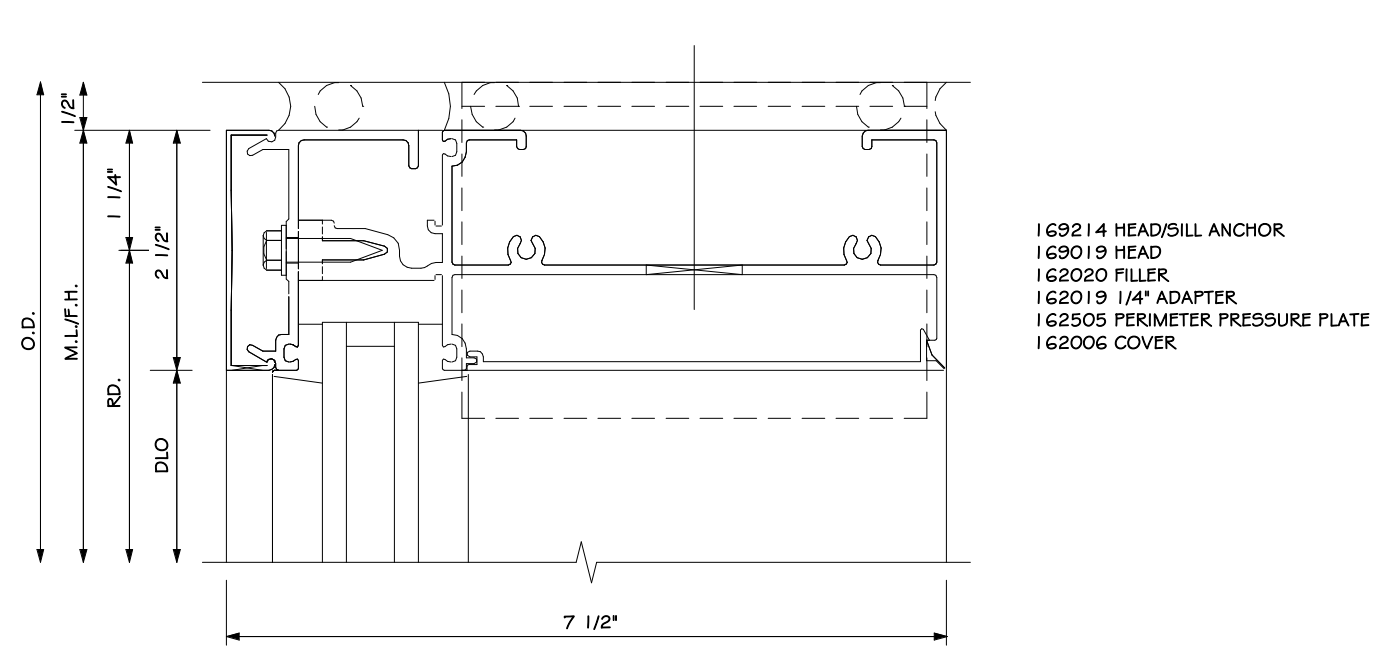
REGISTERED ARCHITECT  
JASON T. ANDERSON  
033127  
STATE OF NEW YORK

Project: 23138  
Date: 02/24/25  
Drawn: IDEA  
Scale: AS NOTED  
Drawing Number:  
A-616

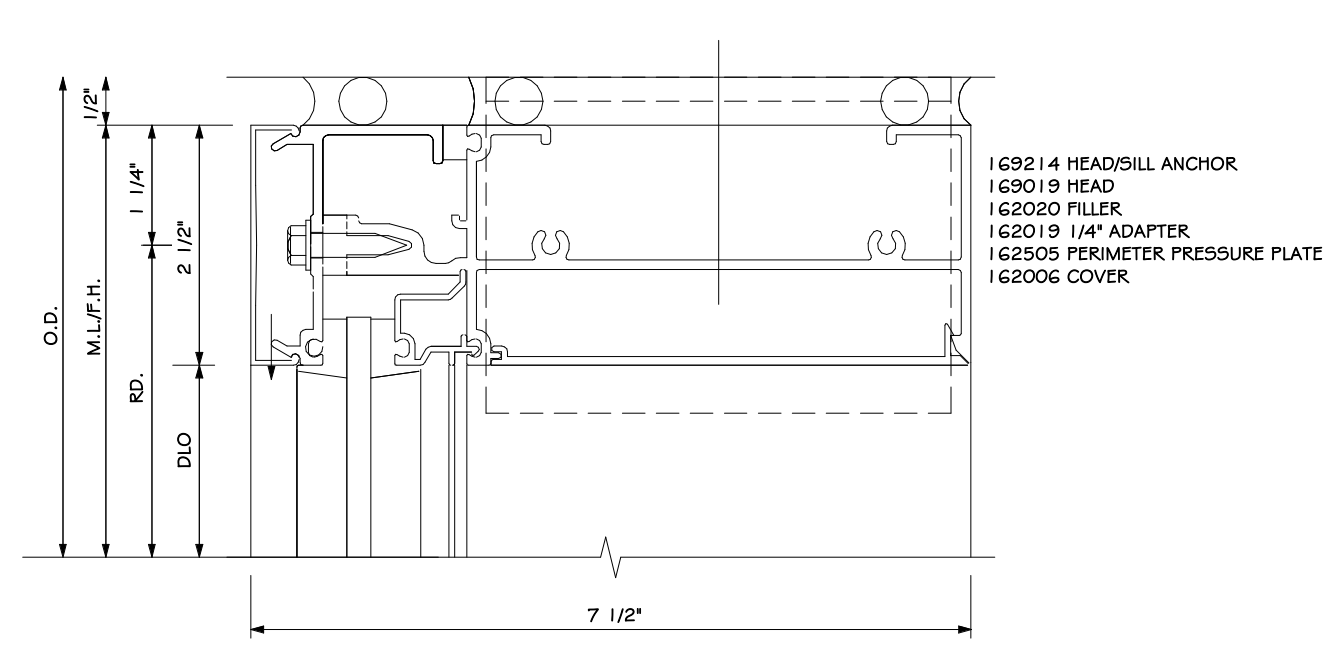




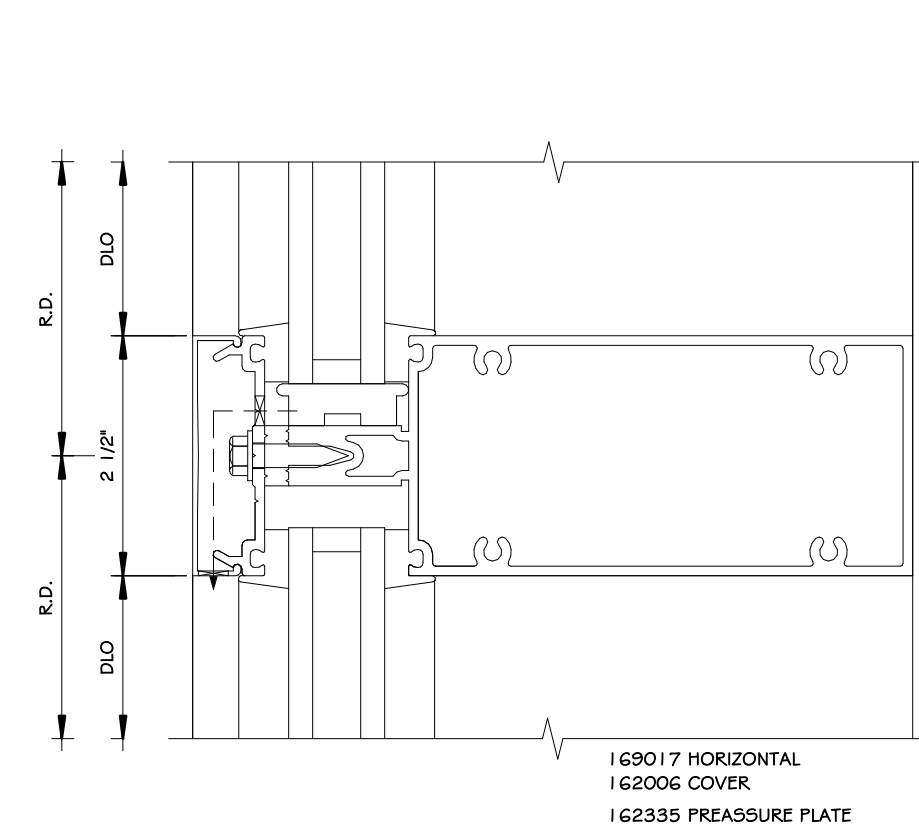
1 PERIMETER PRESSURE PLATE-SILL DETAIL  
6" = 1'-0"



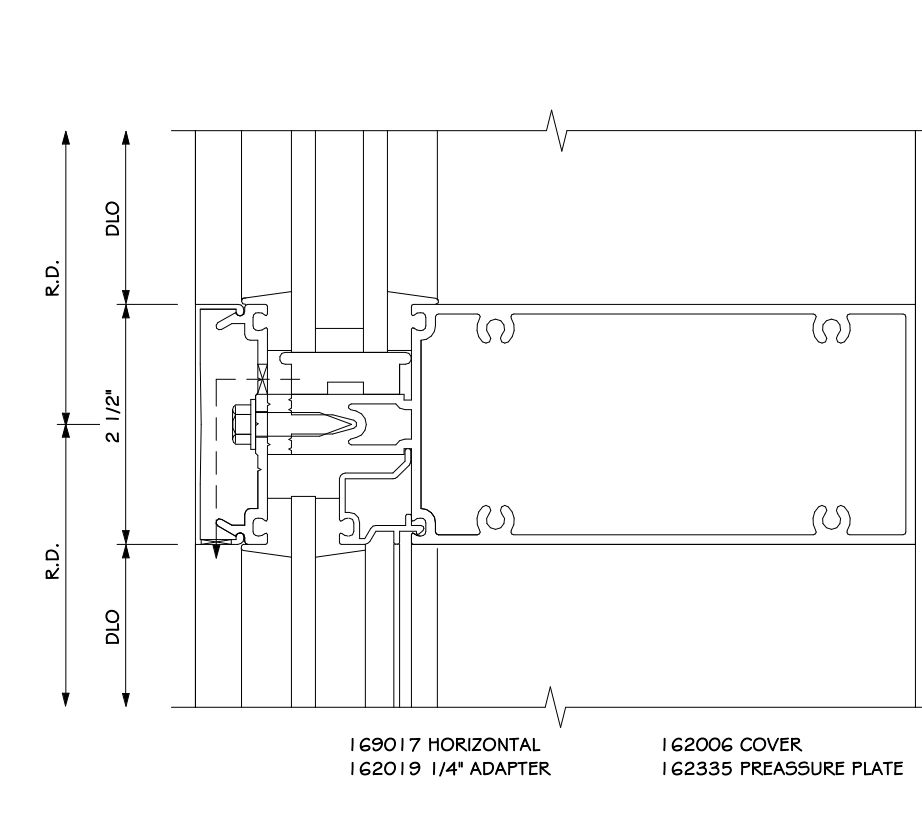
7 PERIMETER PRESSURE PLATE-HEAD DETAIL  
6" = 1'-0"



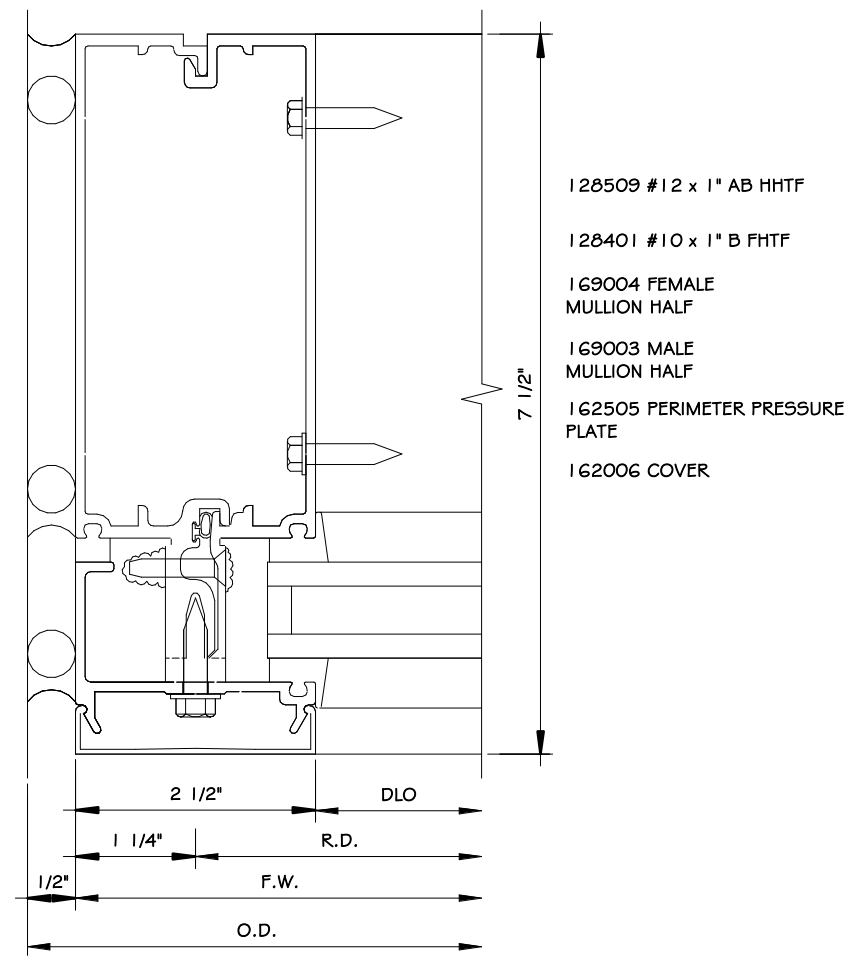
8 PERIMETER MULLION-HEAD  
6" = 1'-0"



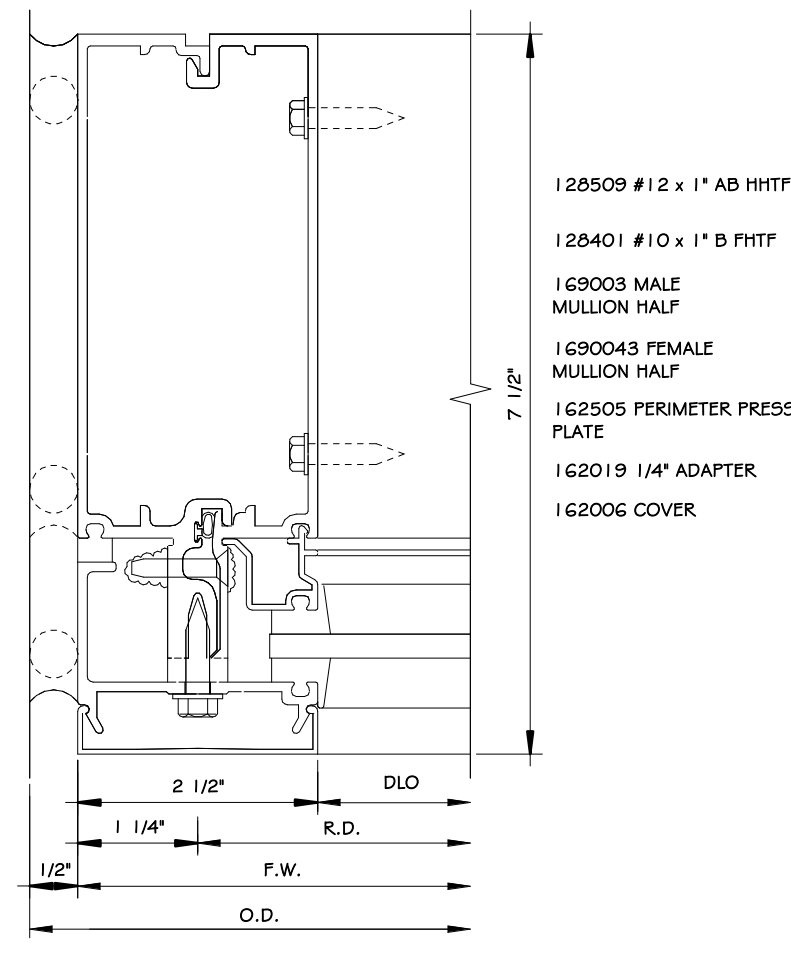
13 HORIZONTAL MULLION DETAIL  
6" = 1'-0"



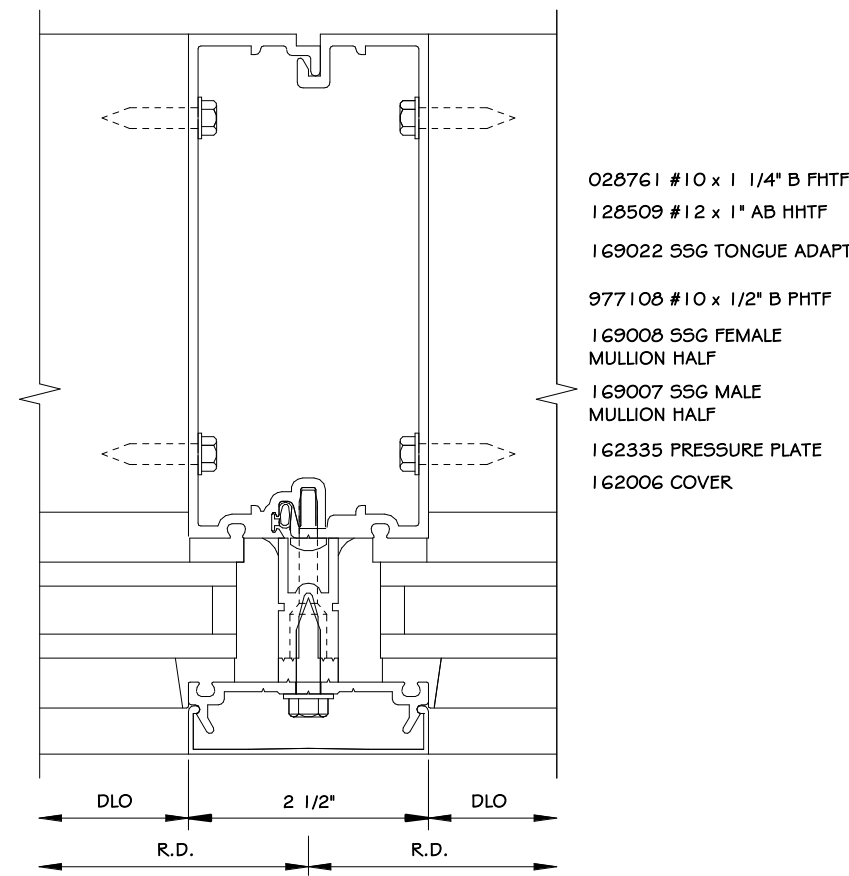
14 HORIZONTAL MULLION DET.  
6" = 1'-0"



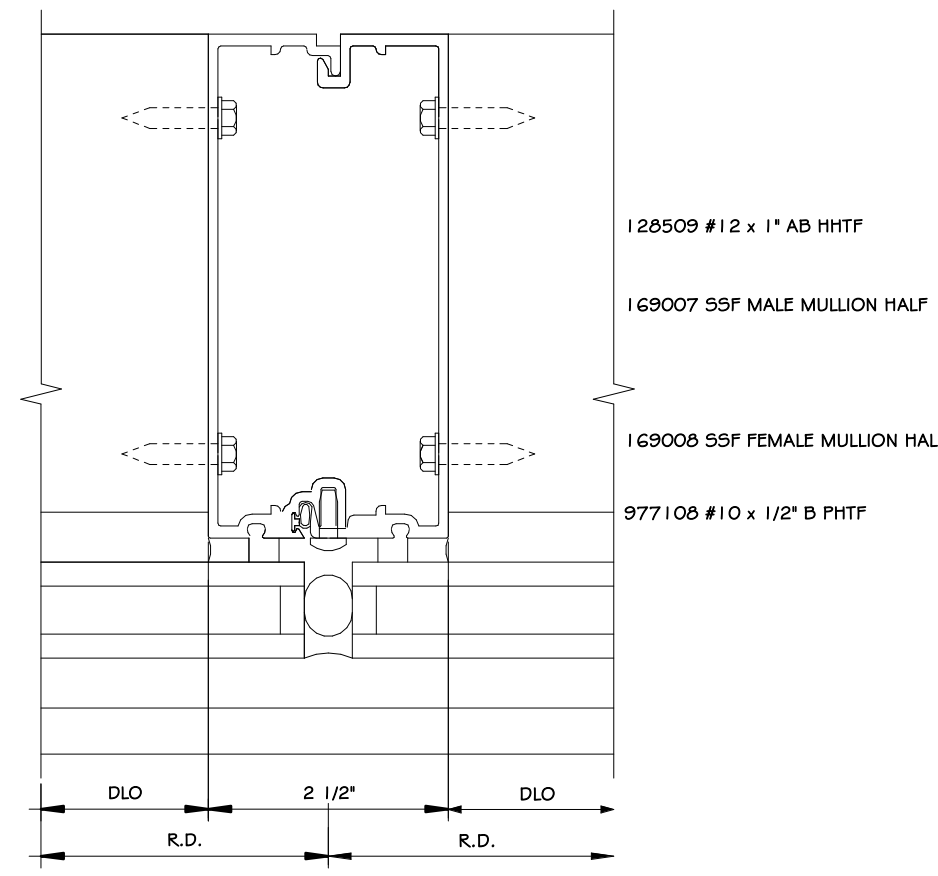
2 PERIMETER JAMB DETAIL2  
6" = 1'-0"



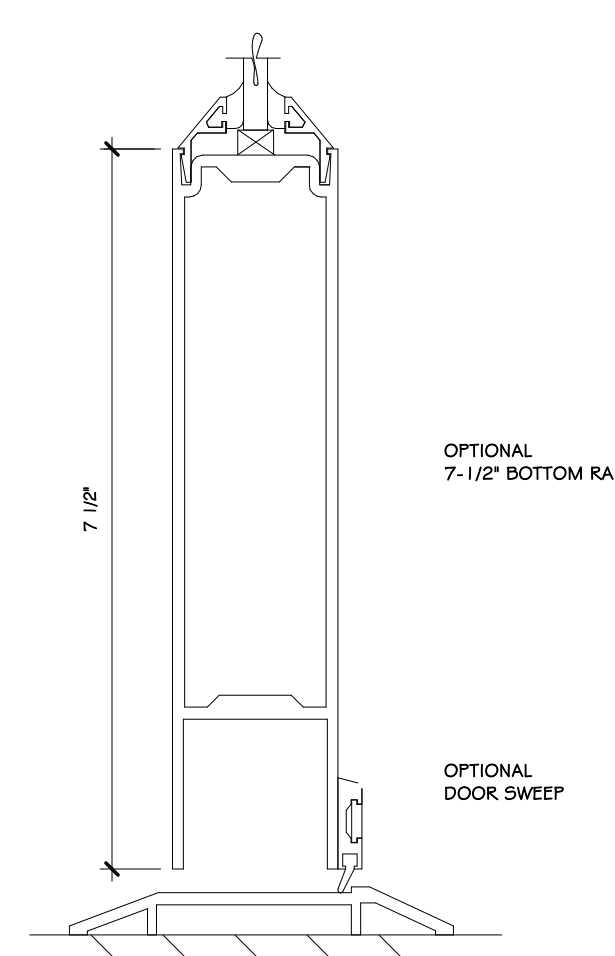
3 PERIMETER JAMB DETAIL A2  
6" = 1'-0"



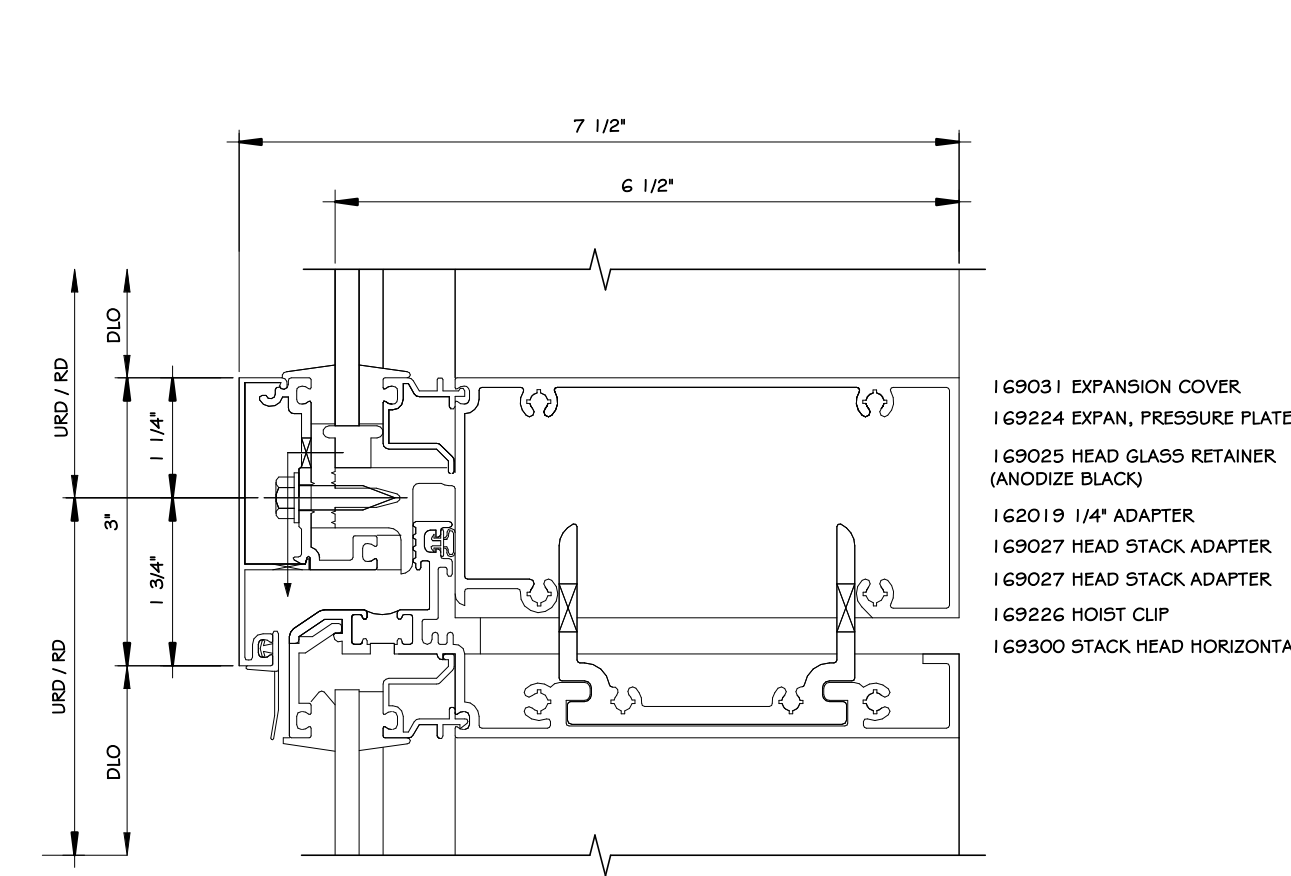
9 CAPTURED MULLION DET.2  
6" = 1'-0"



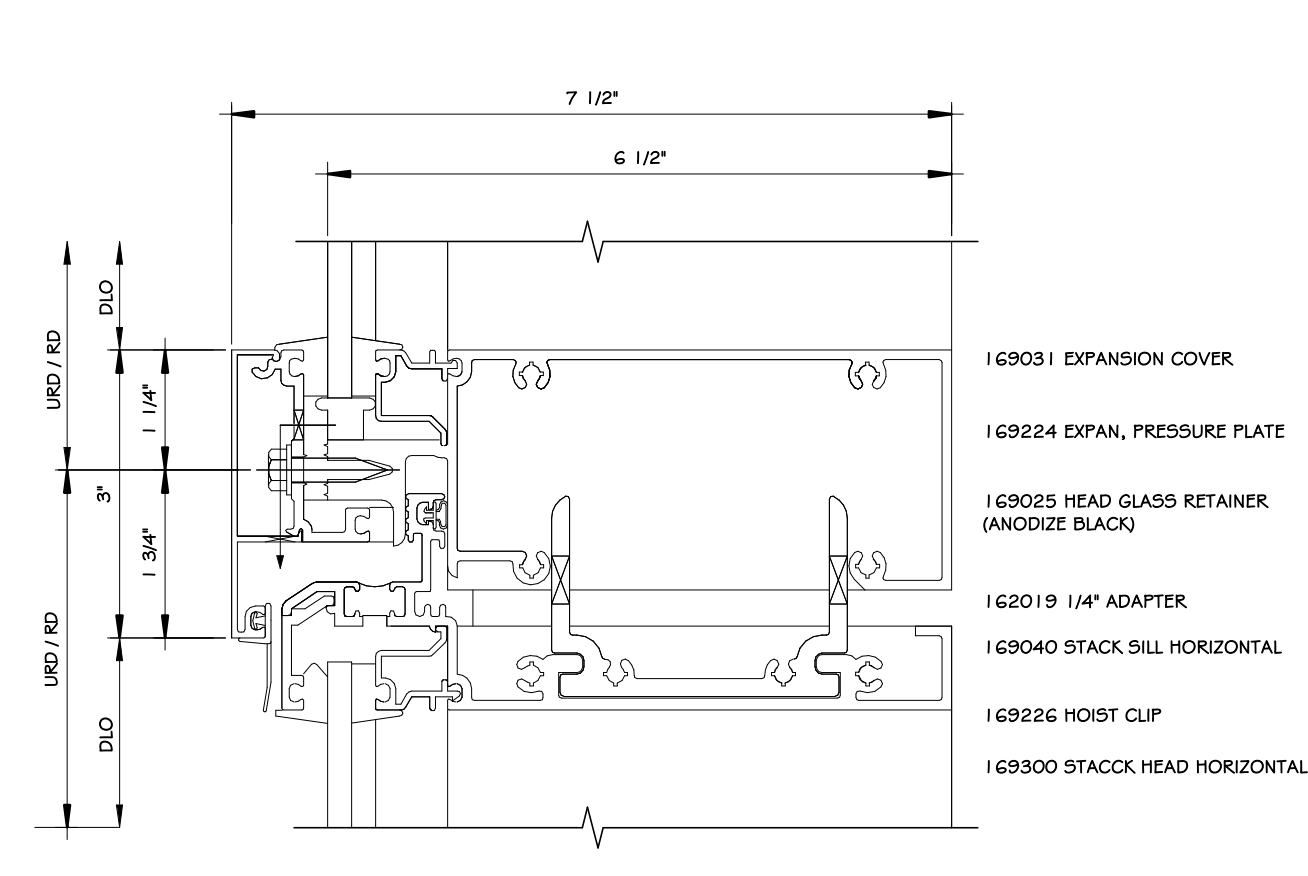
10 CAPTURED MULLION DET 3  
6" = 1'-0"



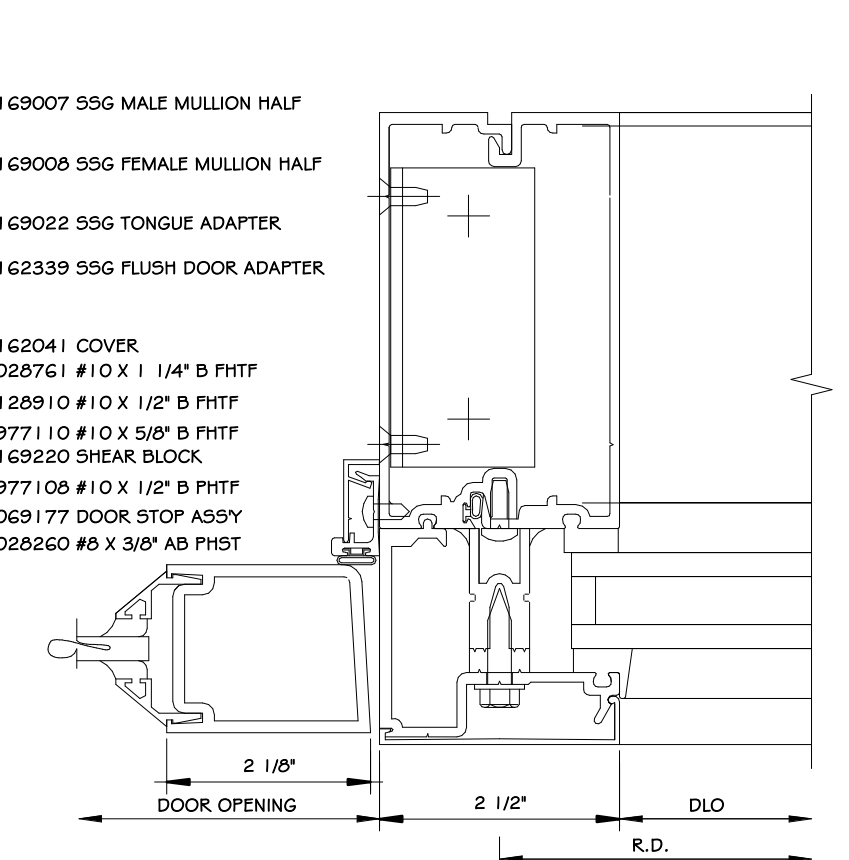
15 DOOR SILL DETAIL  
6" = 1'-0"



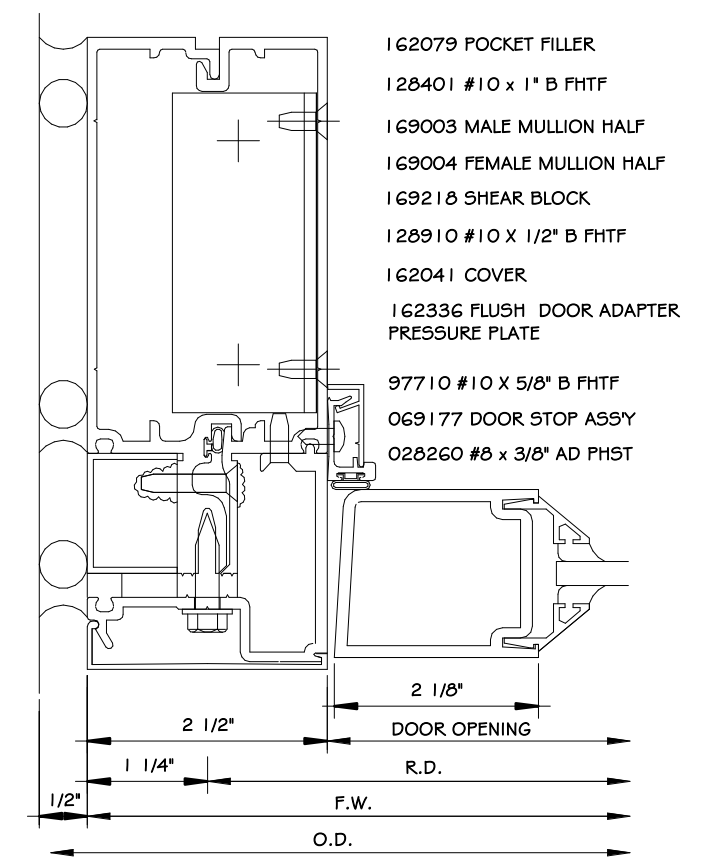
16 PRE-GLAZED EXPANSION HORIZ. DETAIL  
6" = 1'-0"



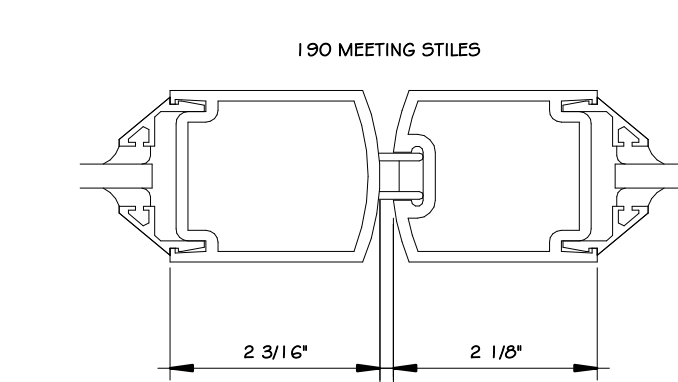
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6" = 1'-0"



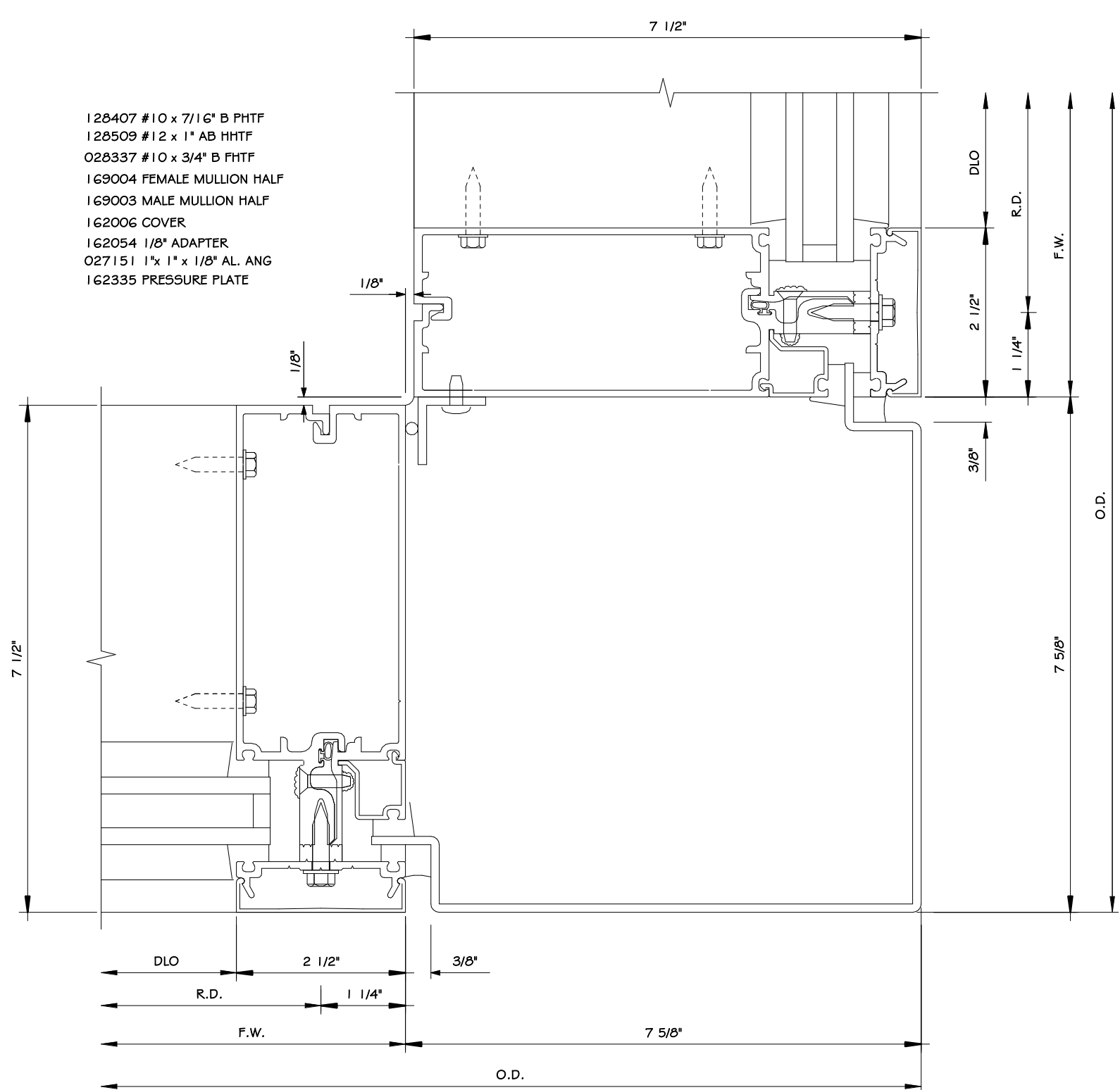
4 DOOR JAMB-SIDELITE DETAIL  
6" = 1'-0"



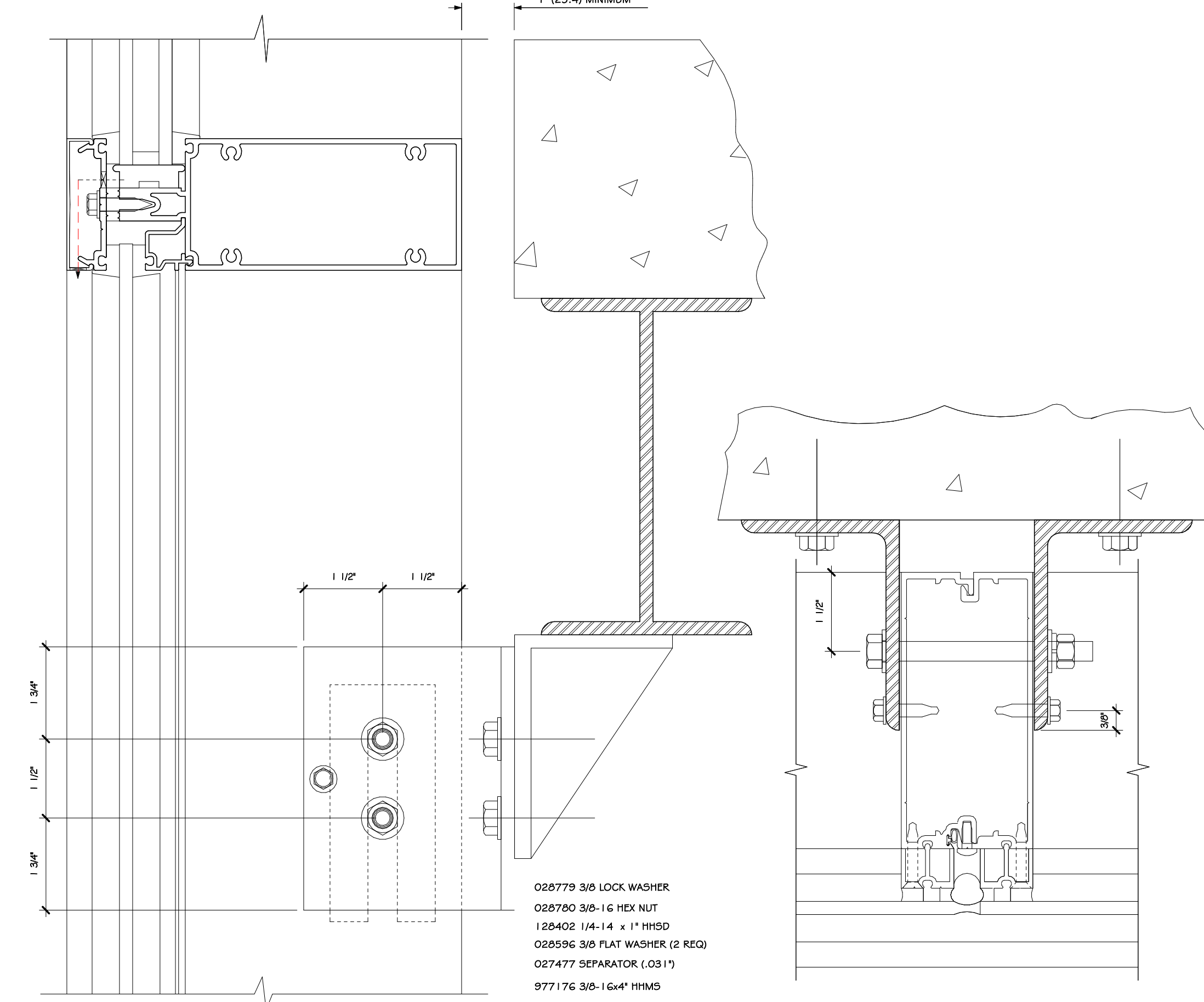
5 DOOR JAMB DETAIL  
6" = 1'-0"



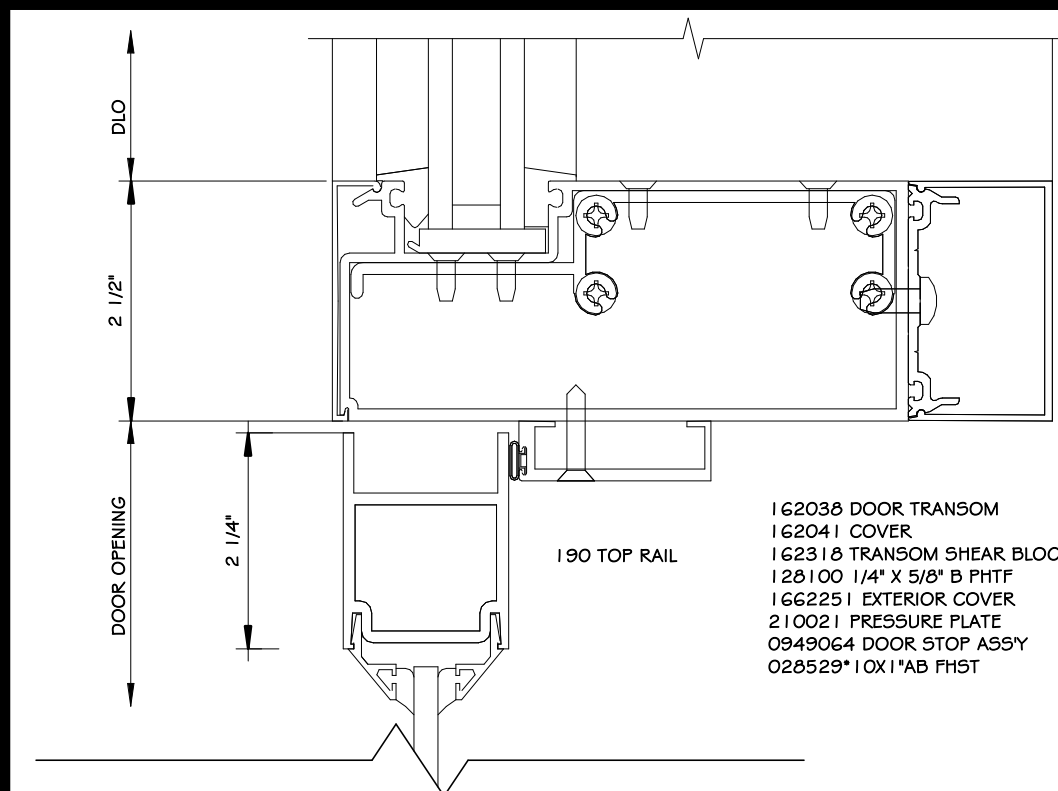
11 MEETING STILE DET.  
6" = 1'-0"



12 OUTSIDE CORNER CAPTURED MULLION DETAIL  
6" = 1'-0"



18 ANCHORING SUPPORT STEEL PLAN & SECTION  
6" = 1'-0"



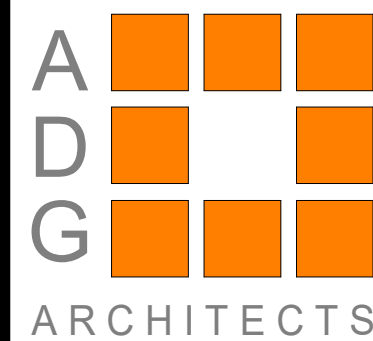
19 DOOR HEADER-TRANSOM DET.  
6" = 1'-0"

NOTE: DETAILS BASED ON KAWNEER SERIES 1600 CURTAINWALL SYSTEM

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106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: CURTAIN WALL DETAILS



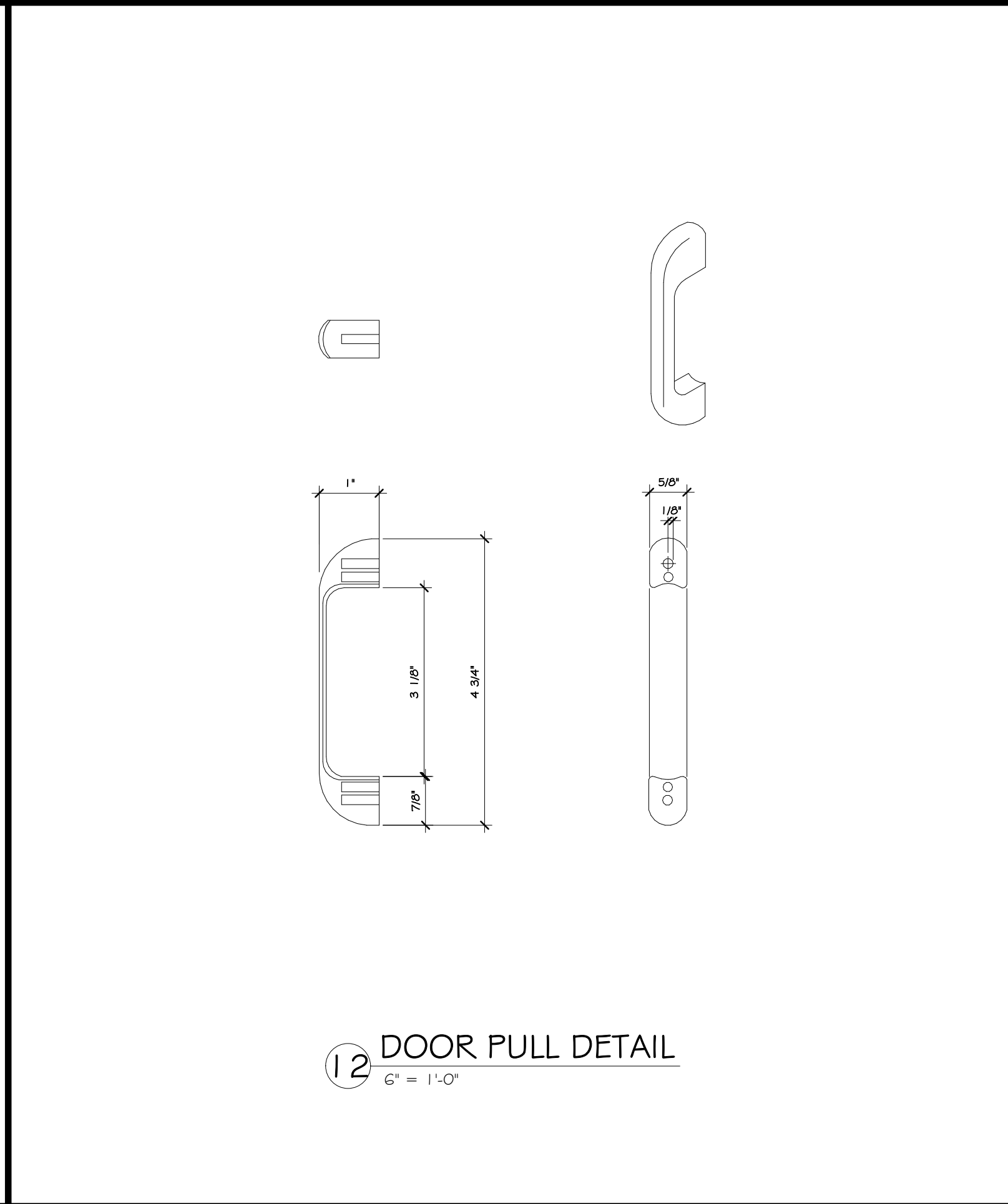
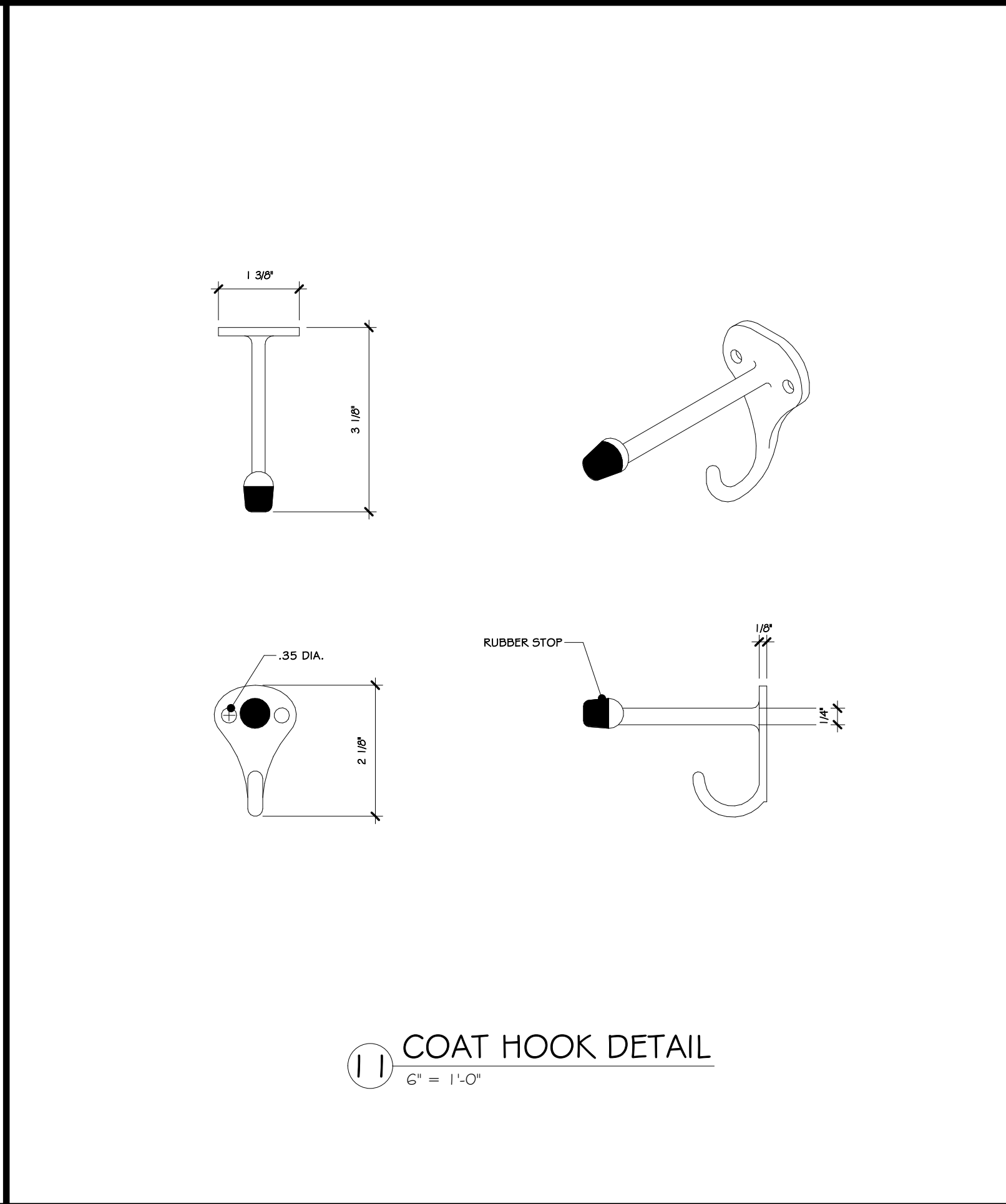
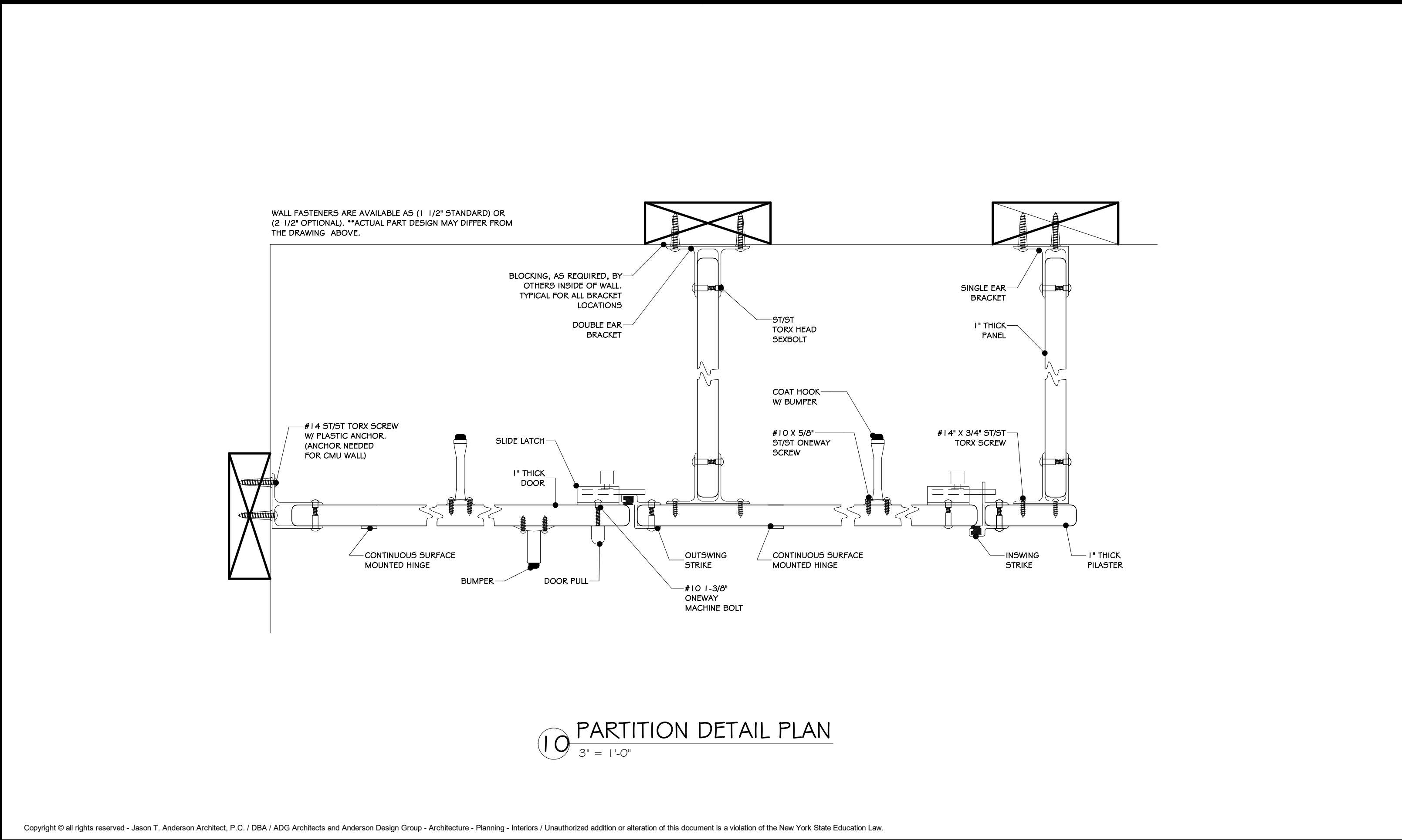
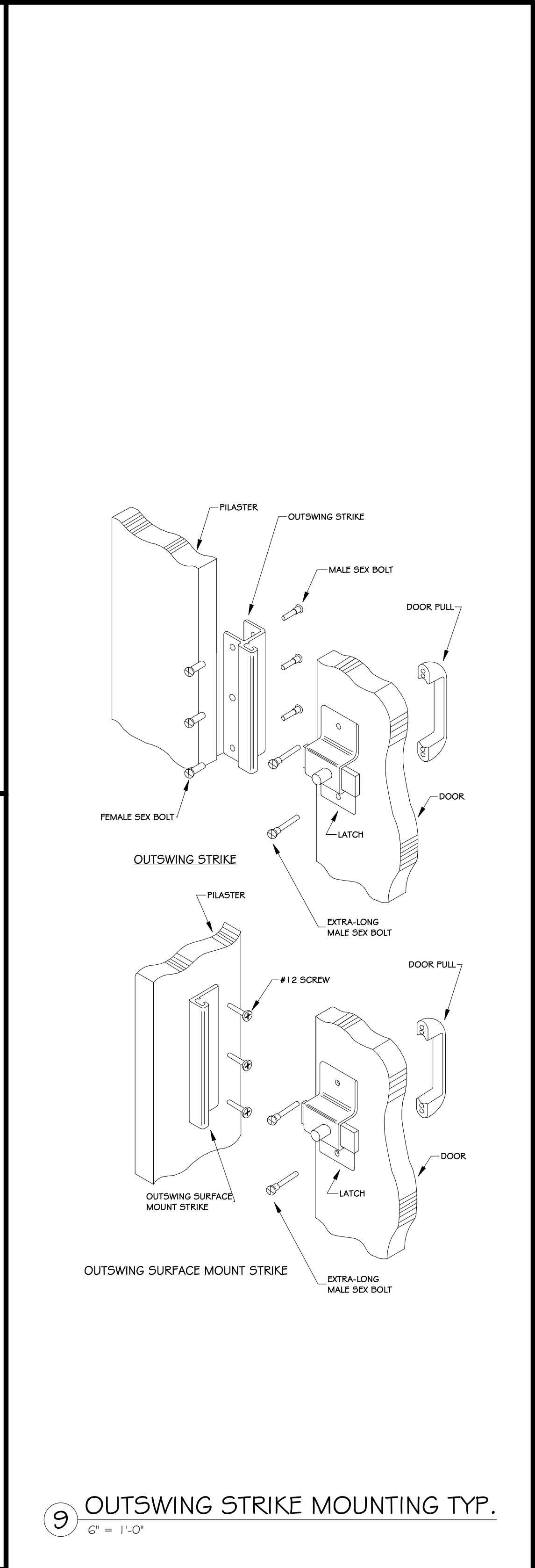
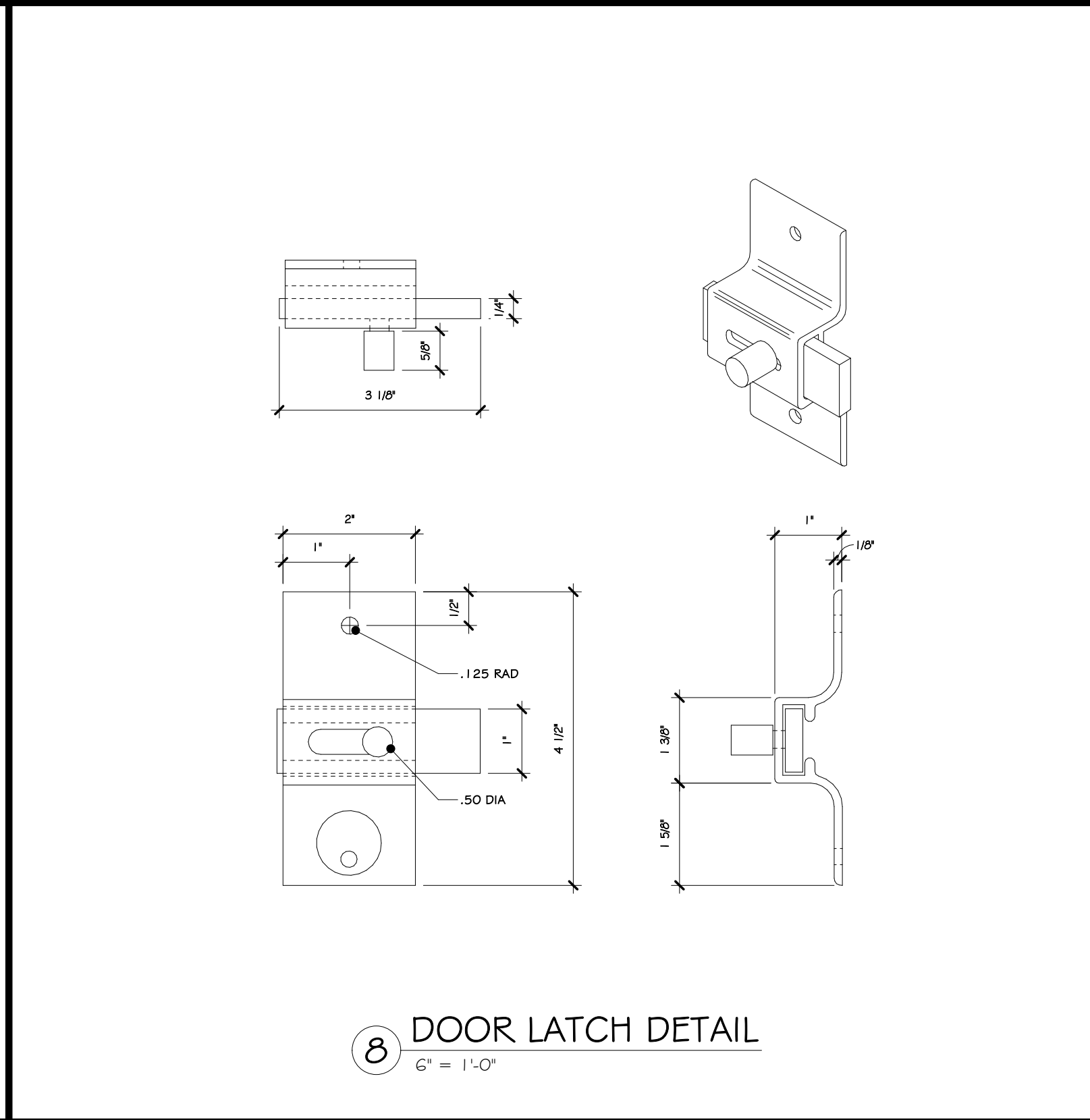
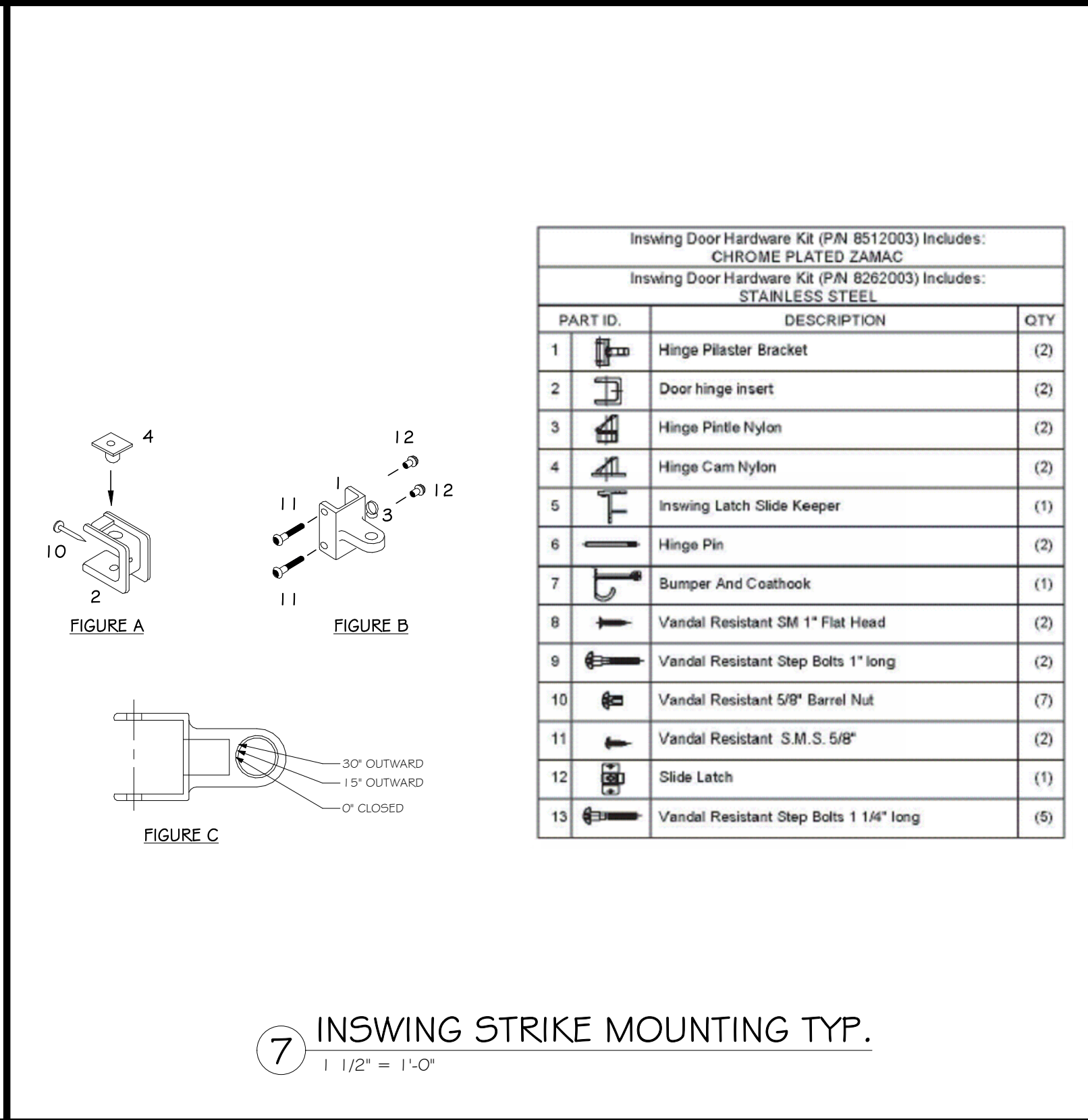
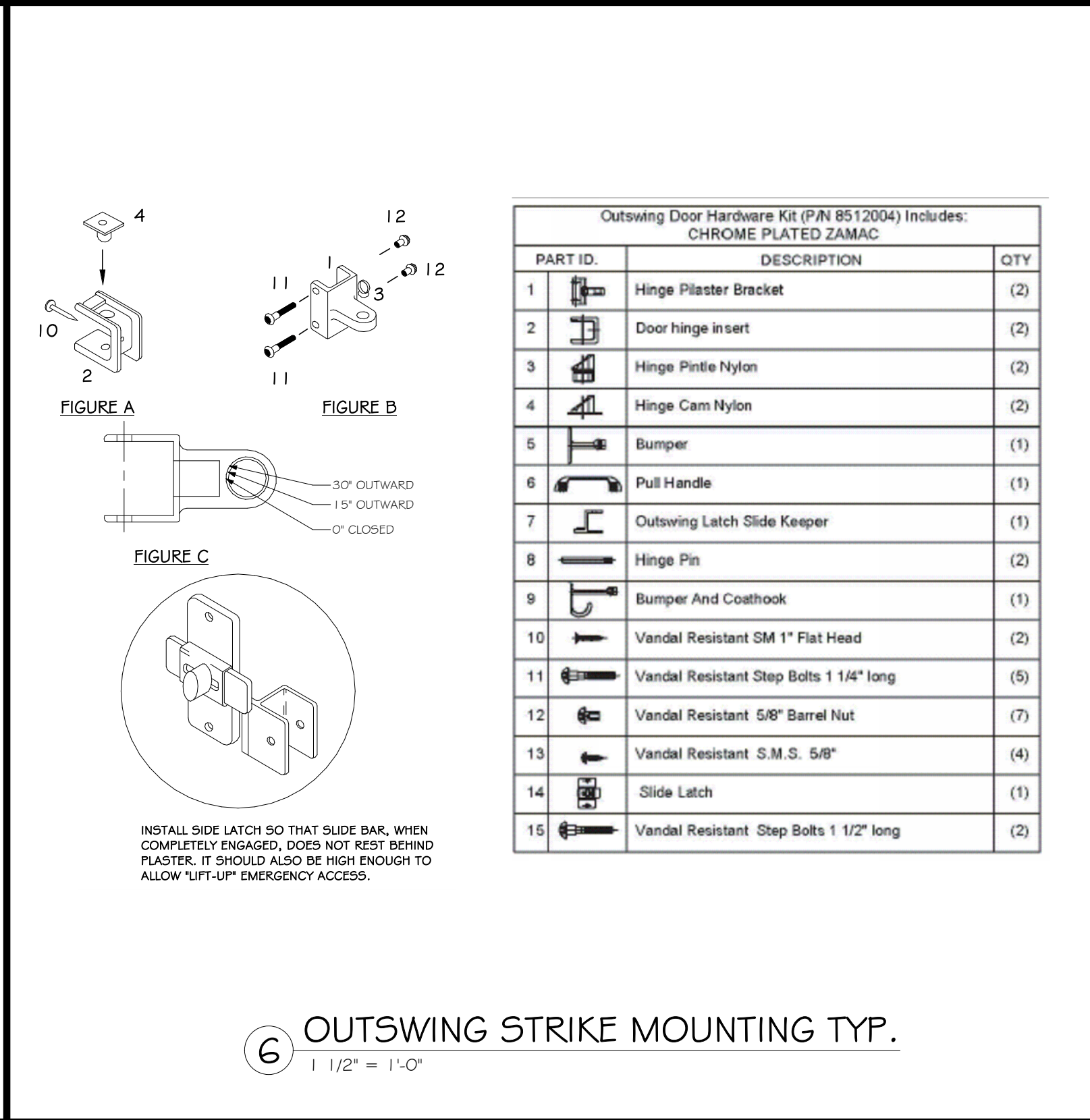
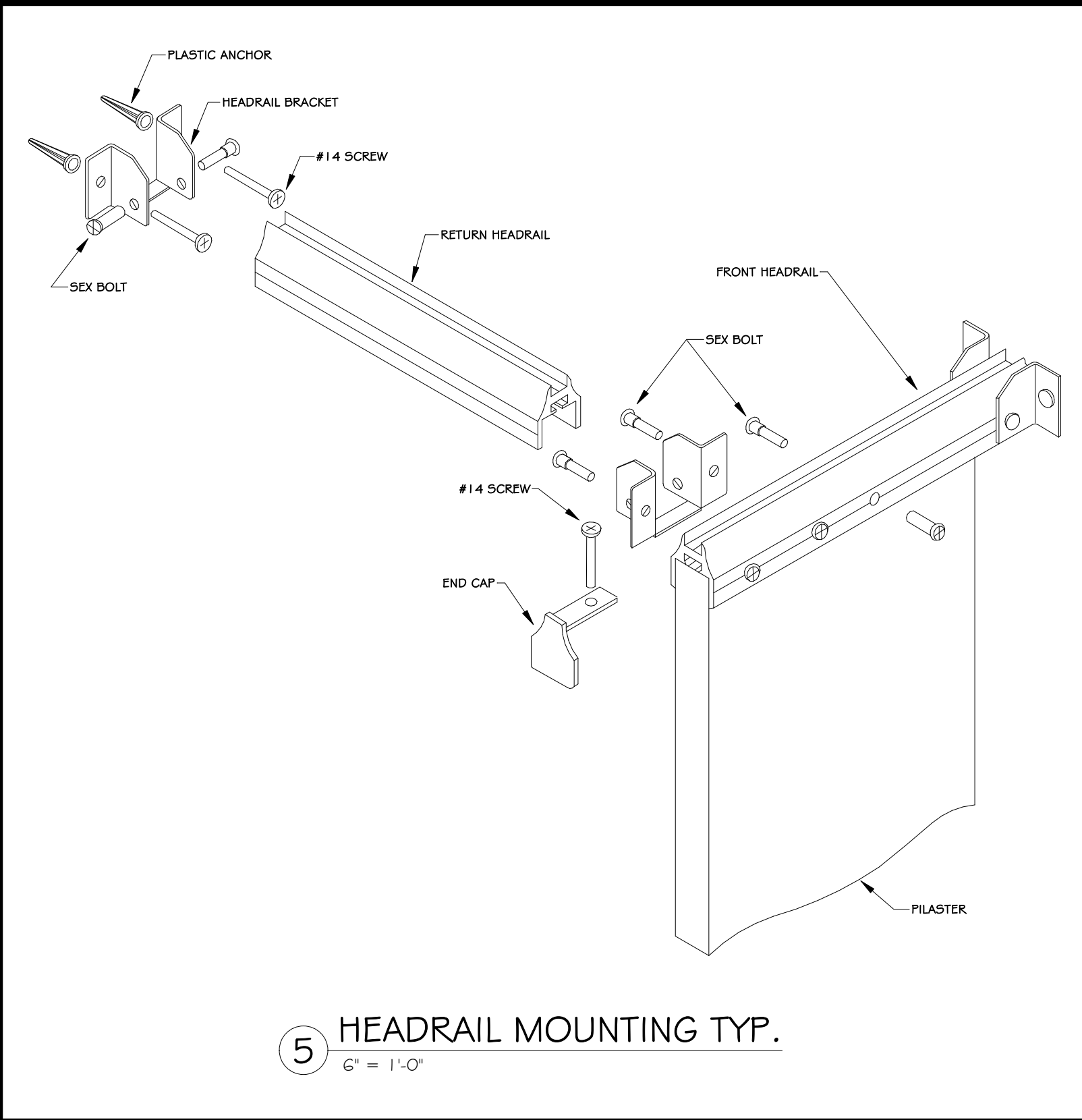
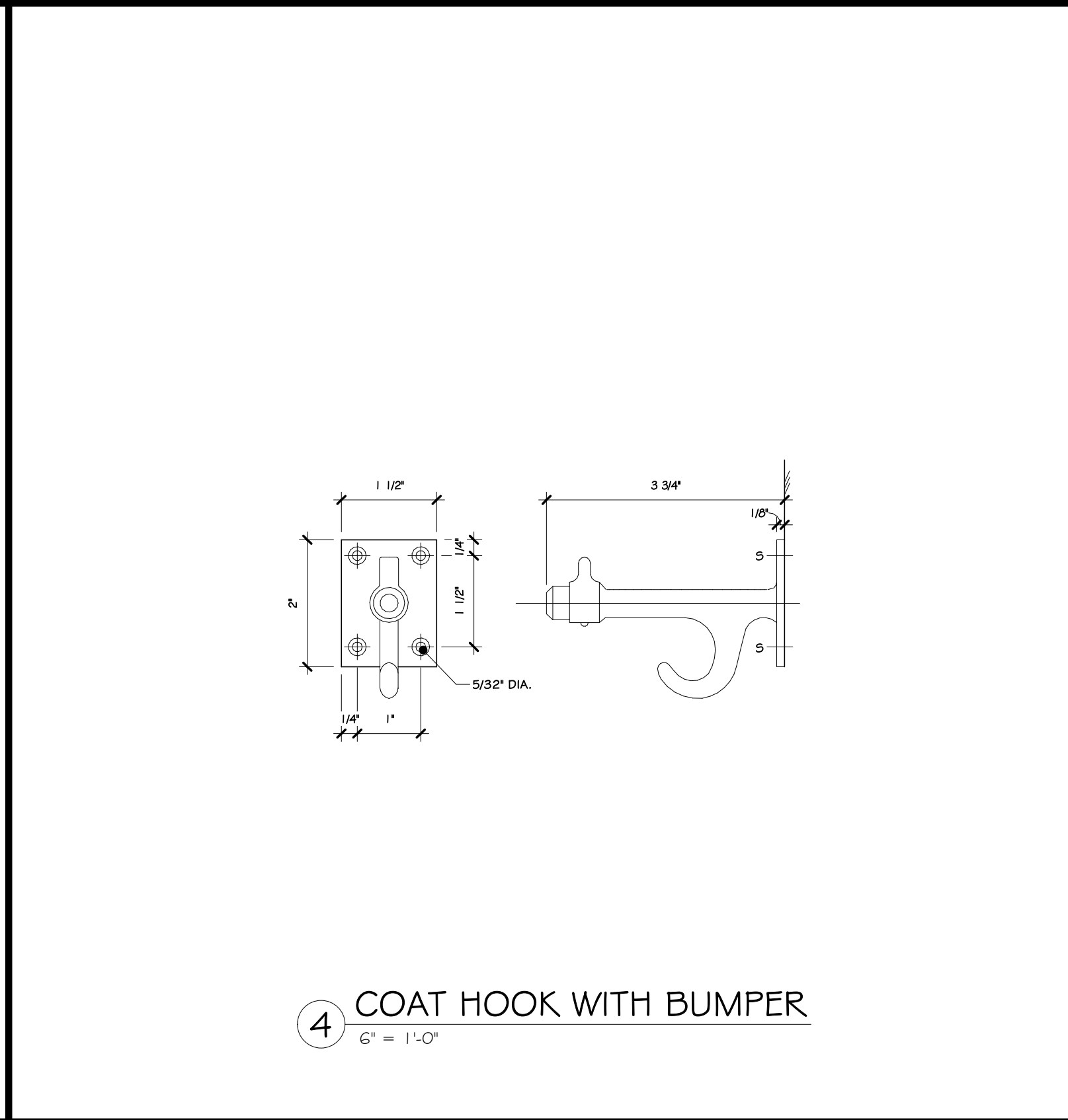
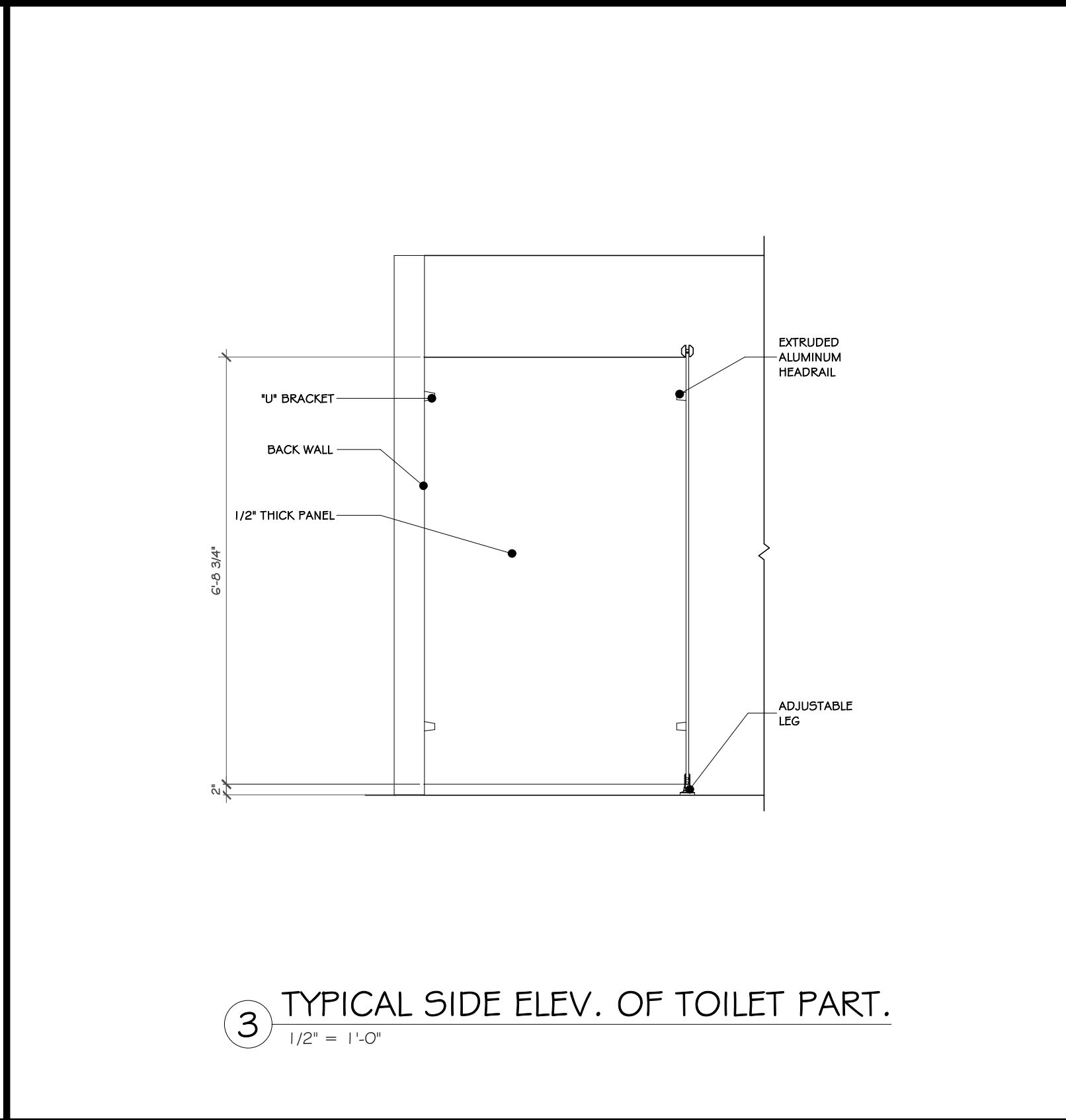
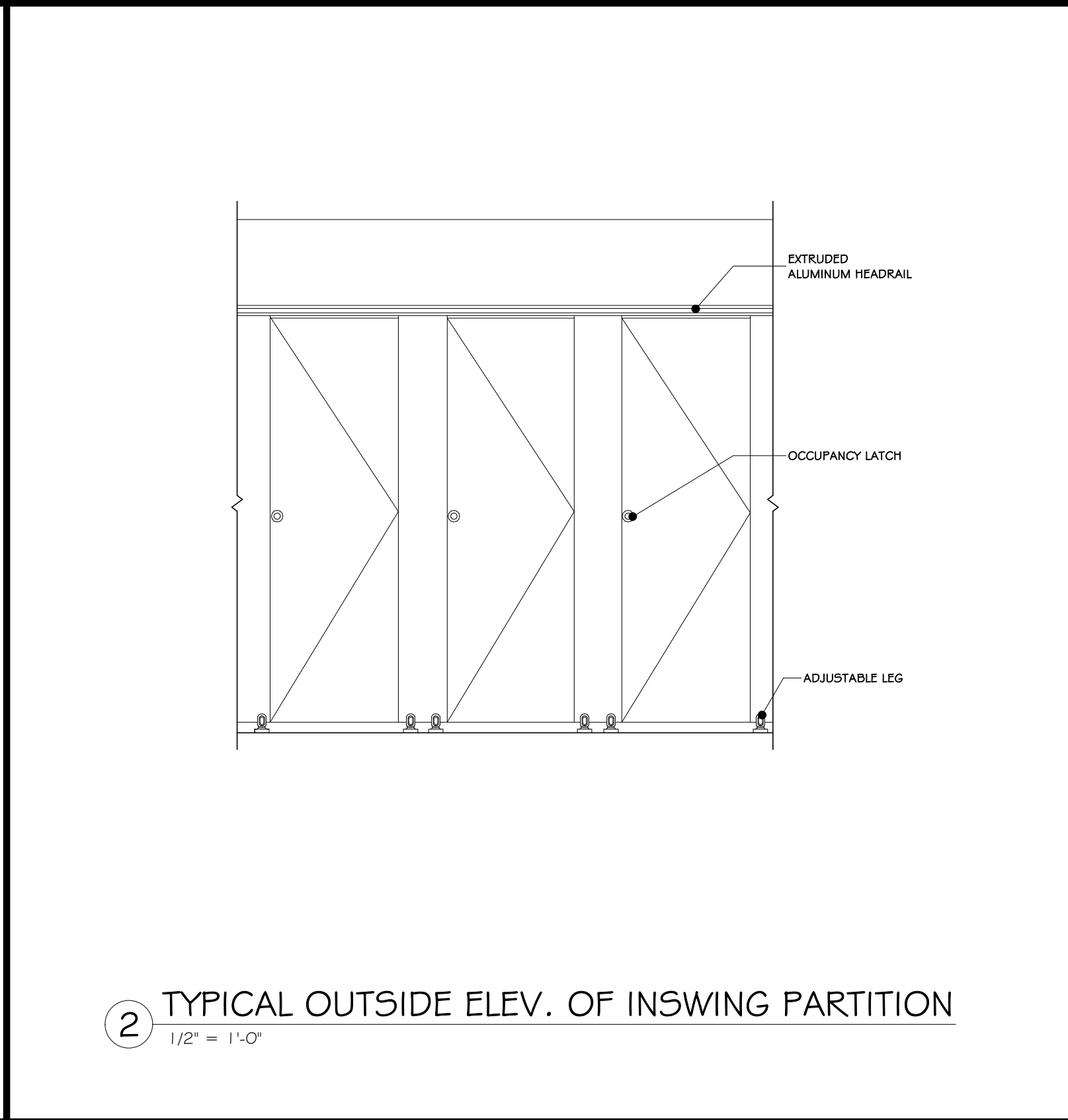
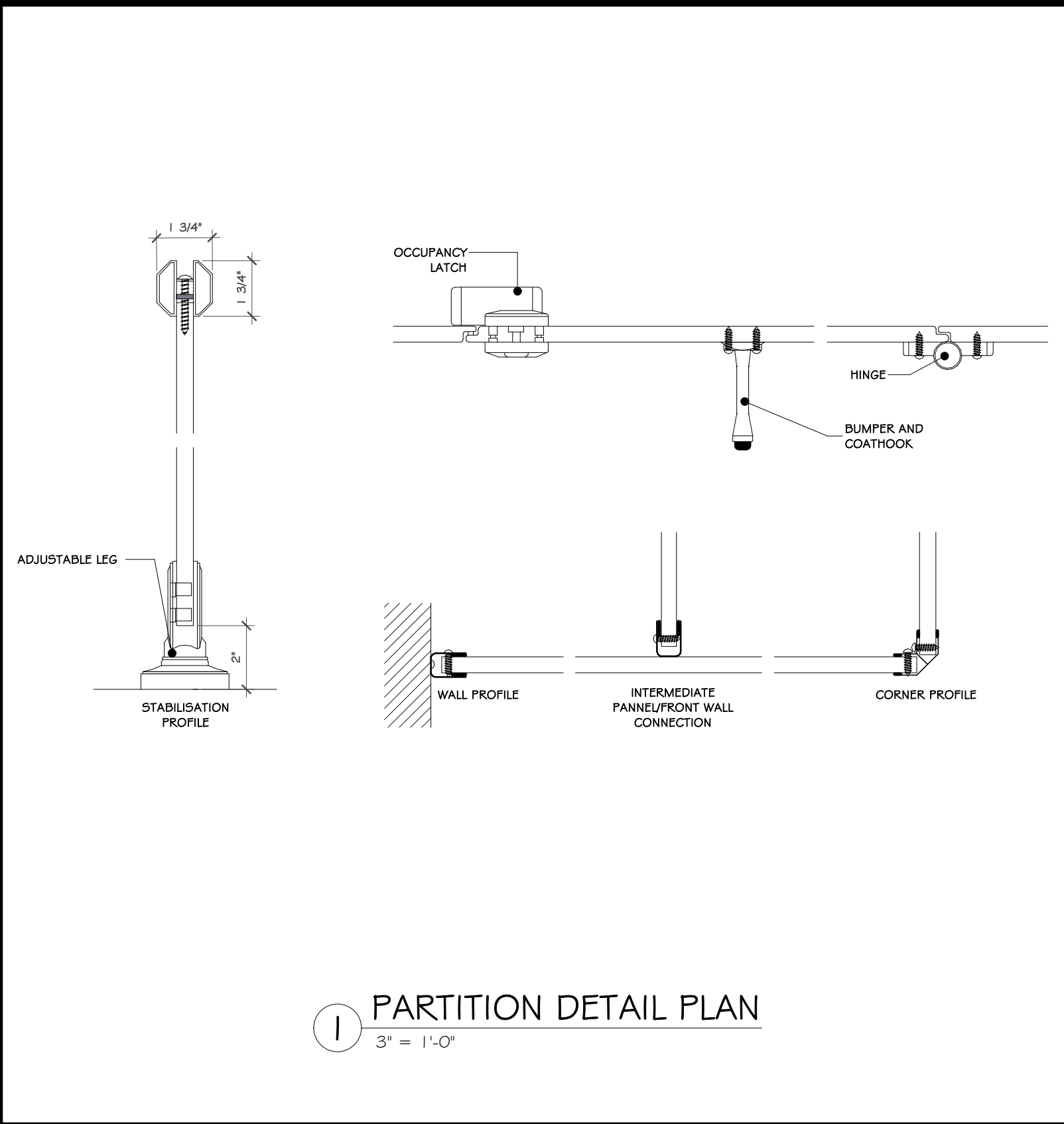
Project: 23138 Date: 02/24/25

Drawn: IDEA Scale: AS NOTED

Drawing Number:

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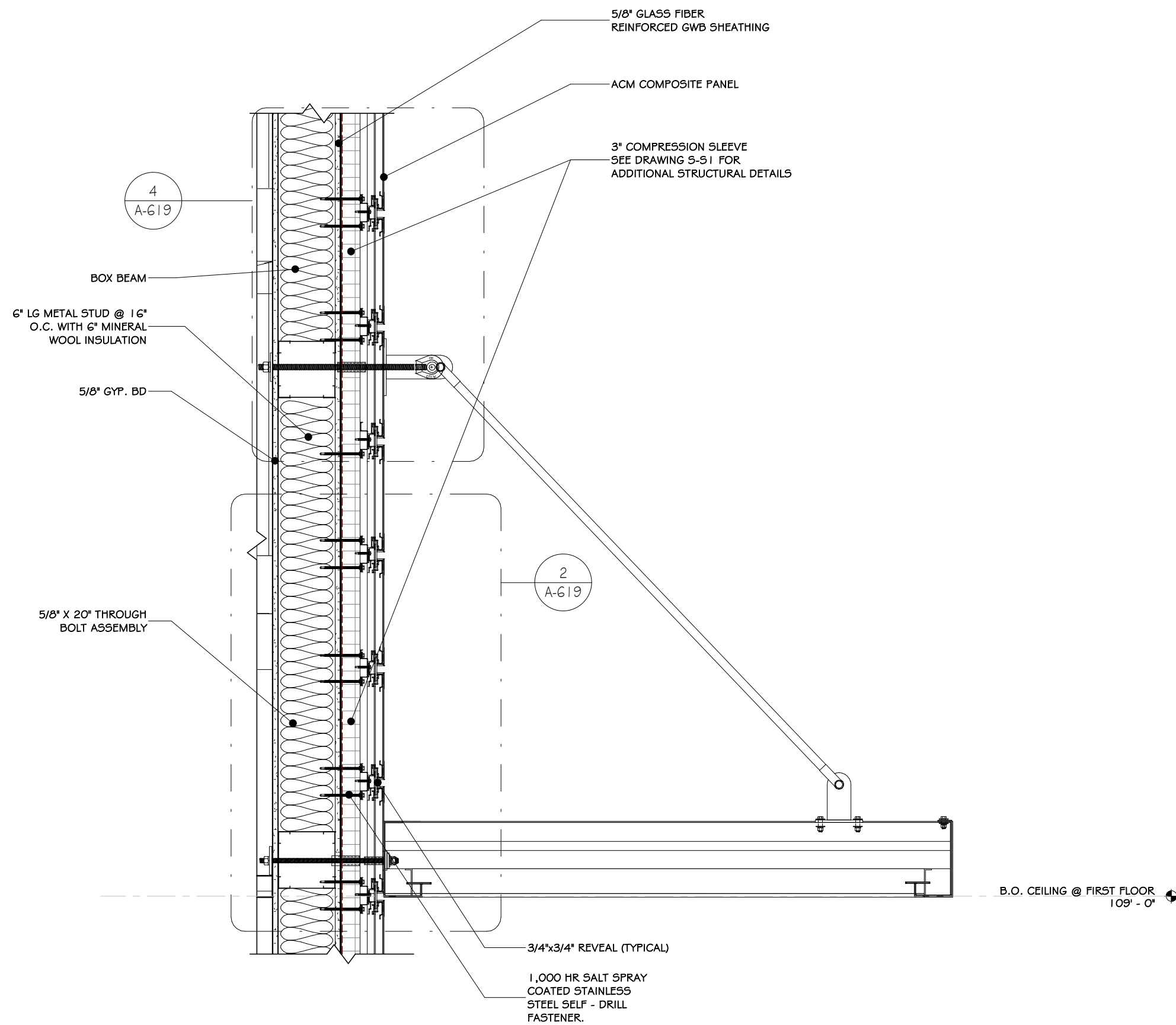
Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: TOILET PARTITION DETAILS

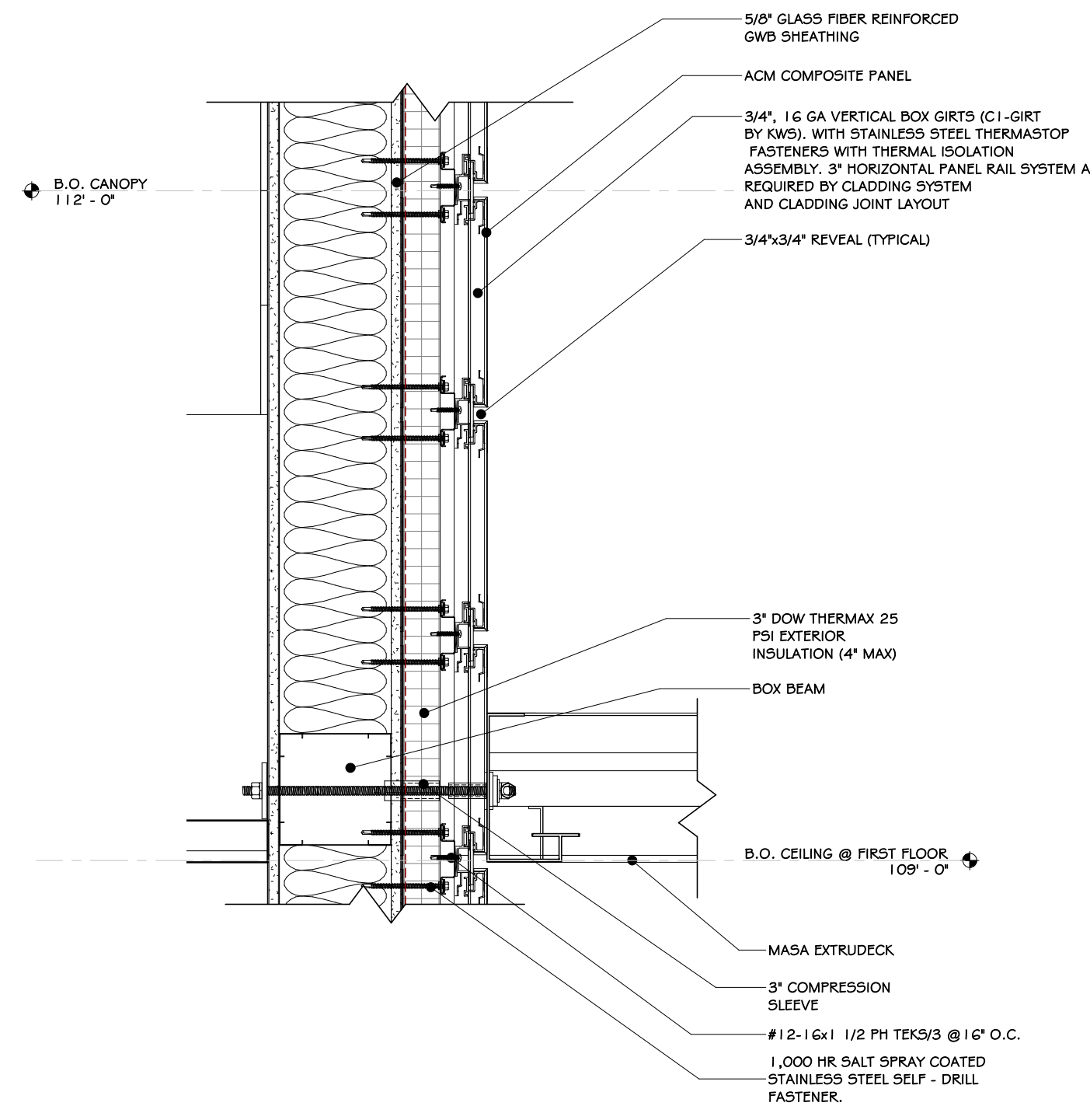
REGISTERED ARCHITECT  
JASON T. ANDERSON  
033127  
STATE OF NEW YORK

Project: 23138  
Date: 02/24/25  
Drawn: IDEA  
Scale: AS NOTED  
Drawing Number:  
A-618

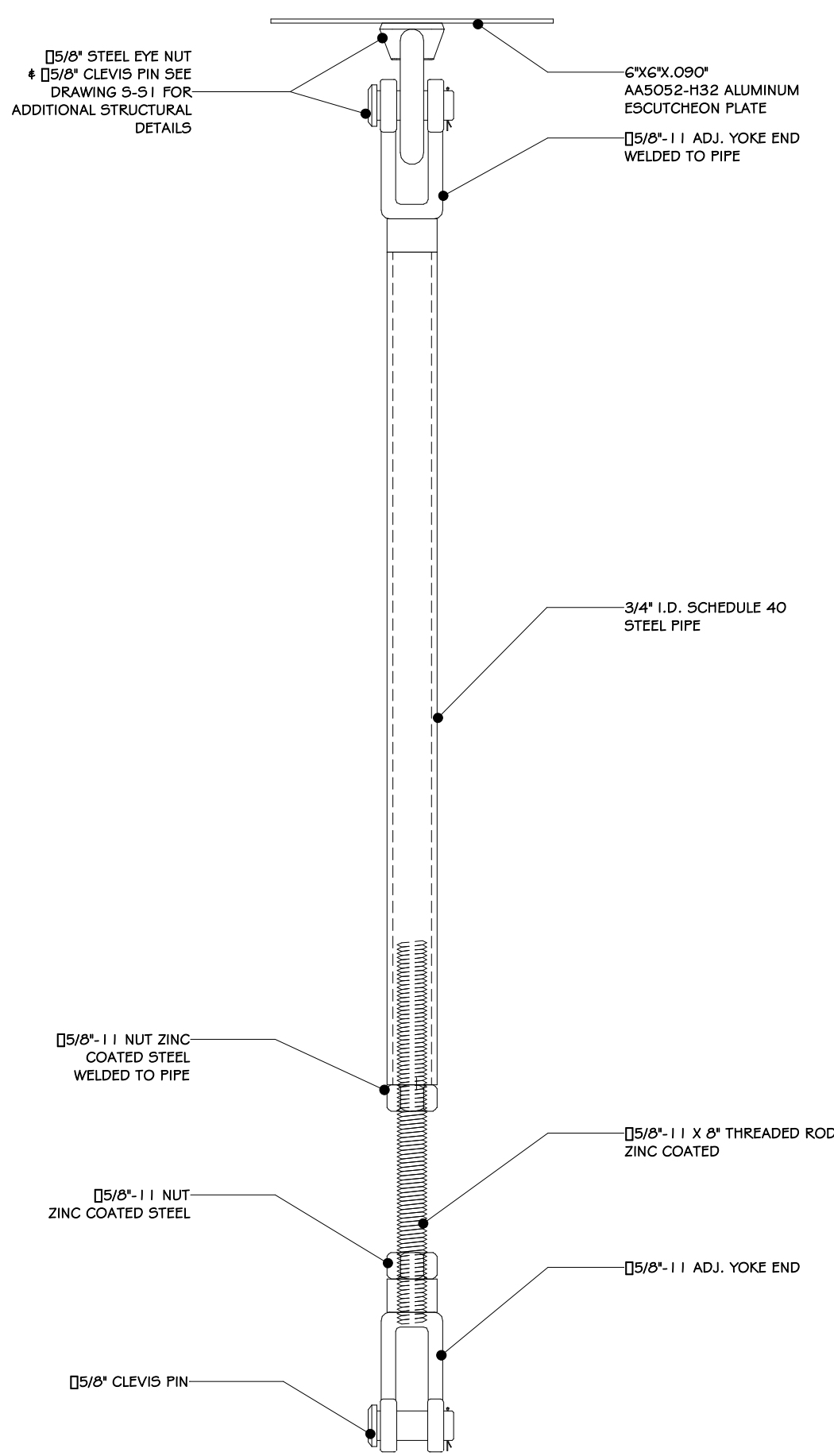




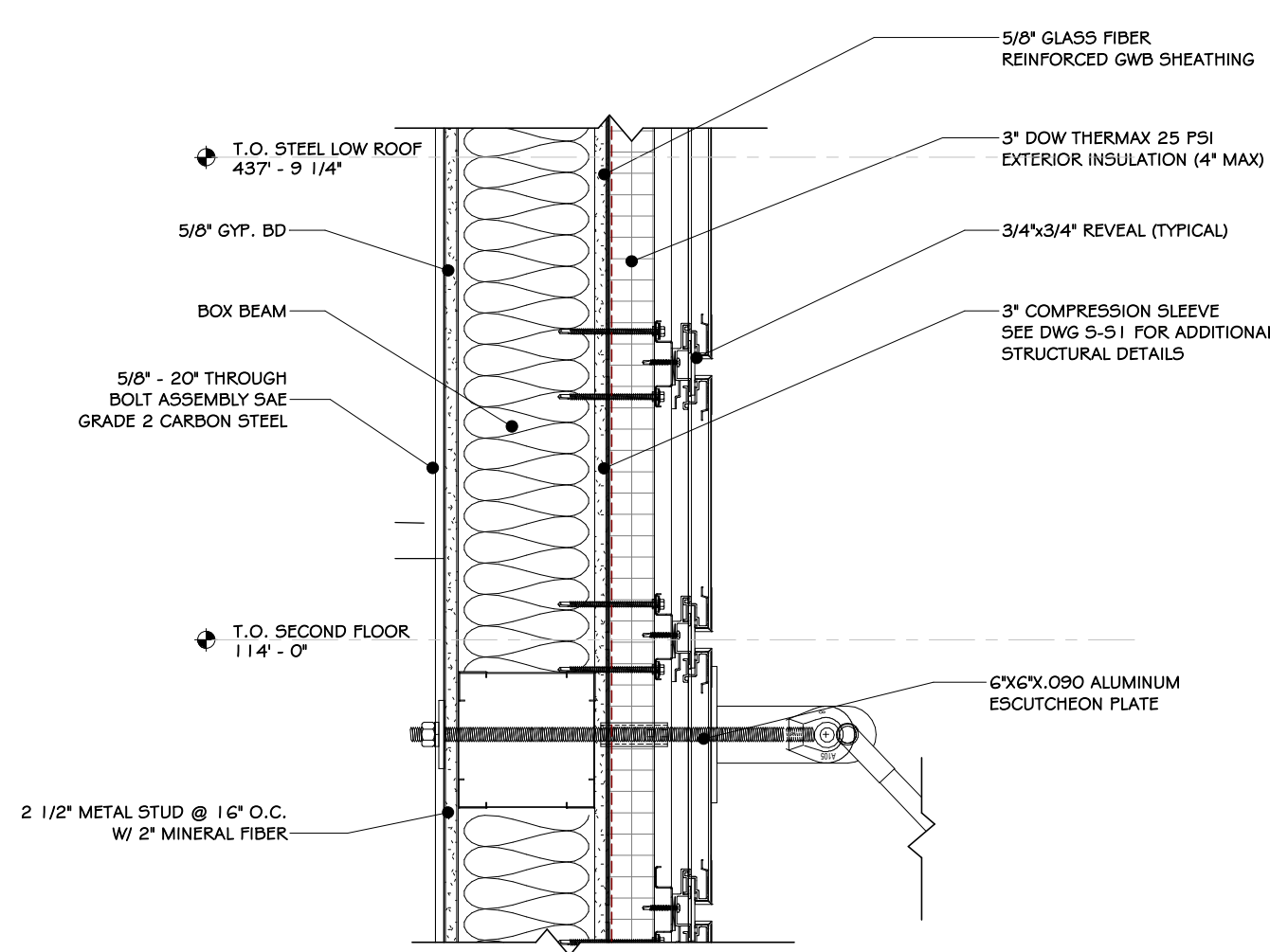
1 CANOPY SECTION DETAIL  
1" = 1'-0"



2 LOWER WALL CONNECTION  
1 1/2" = 1'-0"



3 HANGER ROD ASSEMBLY  
1 1/2" = 1'-0"



4 UPPER WALL CONNECTION  
1 1/2" = 1'-0"

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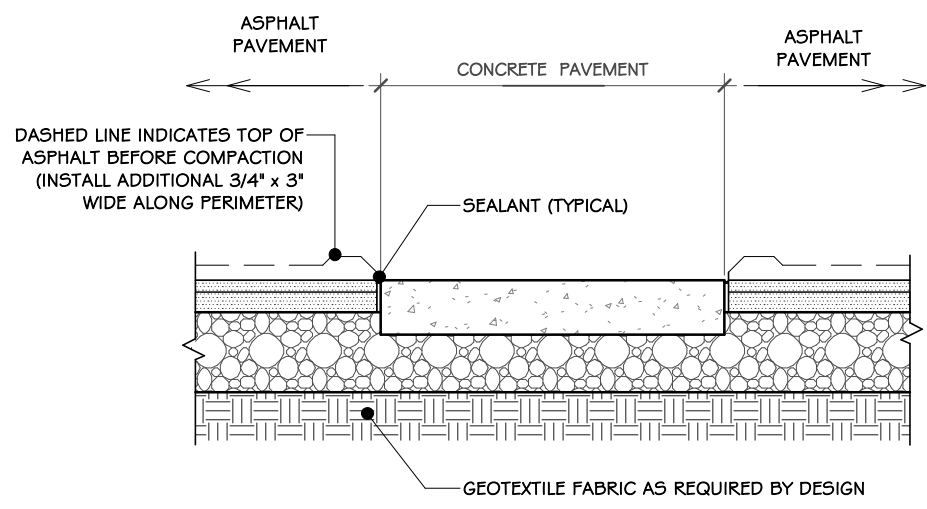
Drawing: CANOPY DETAILS



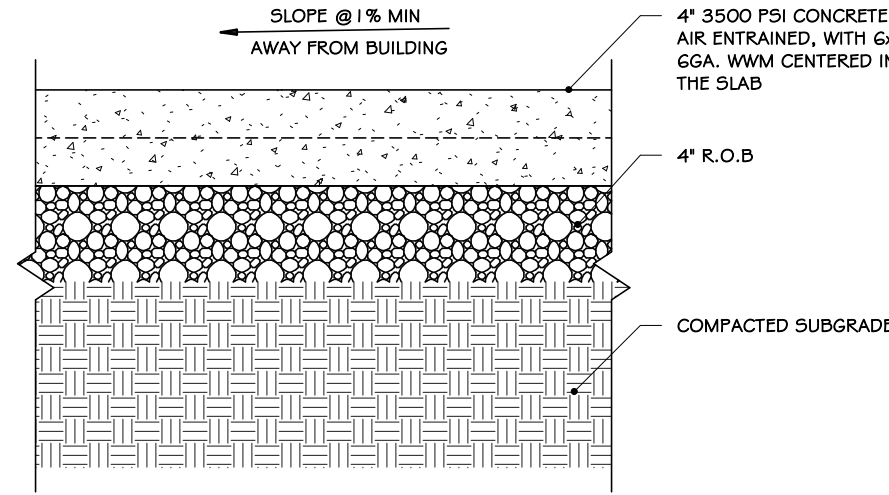
Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-619



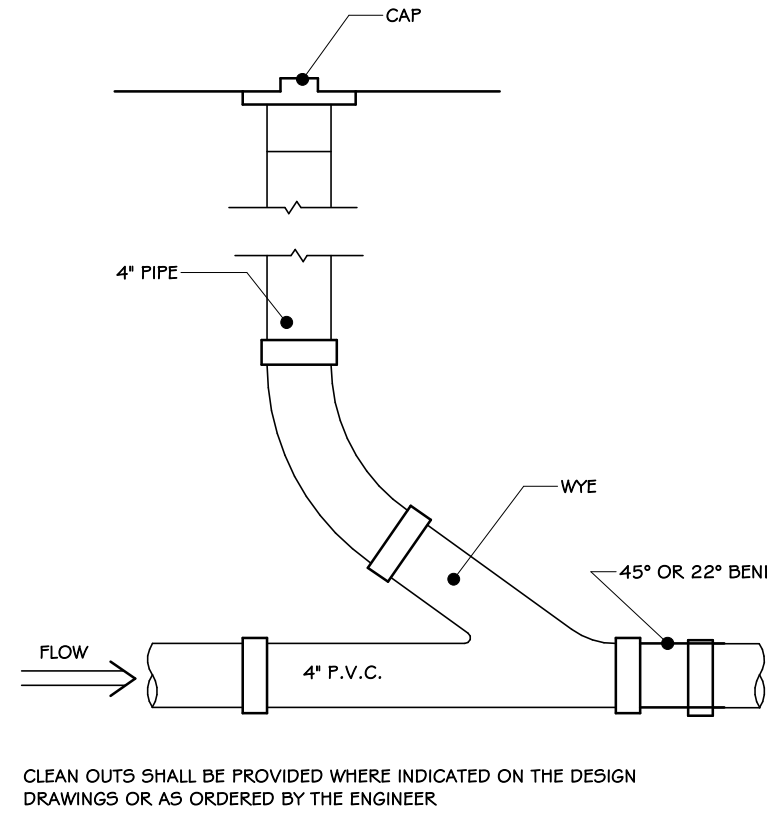


1 ASPHALT @ CONC. SIDEWALK  
1/2" = 1'-0"

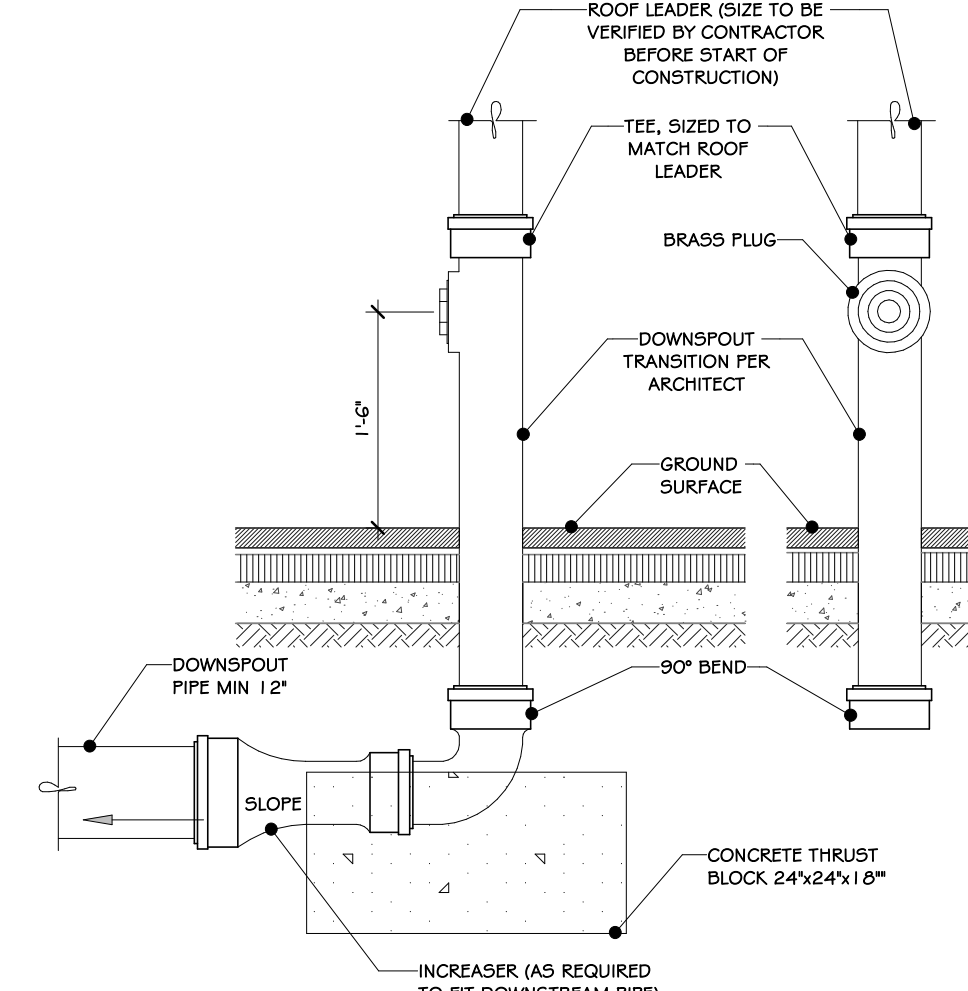


- NOTES:
1. FINISH TO BE BROOM FINISH AT 90° AT EACH SUCCEEDING SLAB.
  2. JOINTER TO BE 1" DEEP. JOINT SPACING SHALL BE EQUAL TO WIDTH OF WALK FOR SPACING.
  3. INSTALL 1/2" PRE-MOLDED EXPANSION JOINT @ 24" O.C. AND WHERE SIDEWALK IS AGAINST CONCRETE CURBS, BUILDINGS, AND OTHER STRUCTURES.

2 SIDEWALK DETAIL  
1/2" = 1'-0"

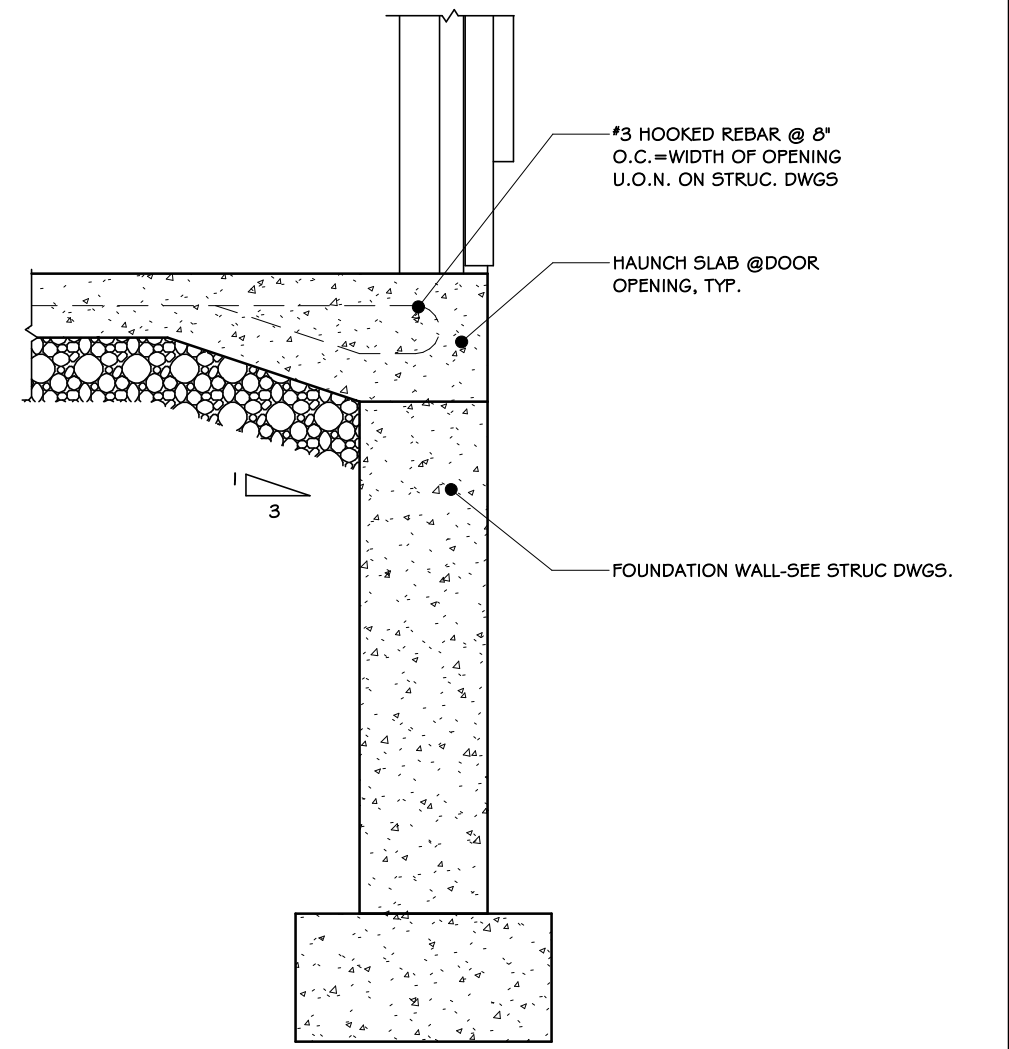


3 CLEAN-OUT DETAIL  
1" = 1'-0"

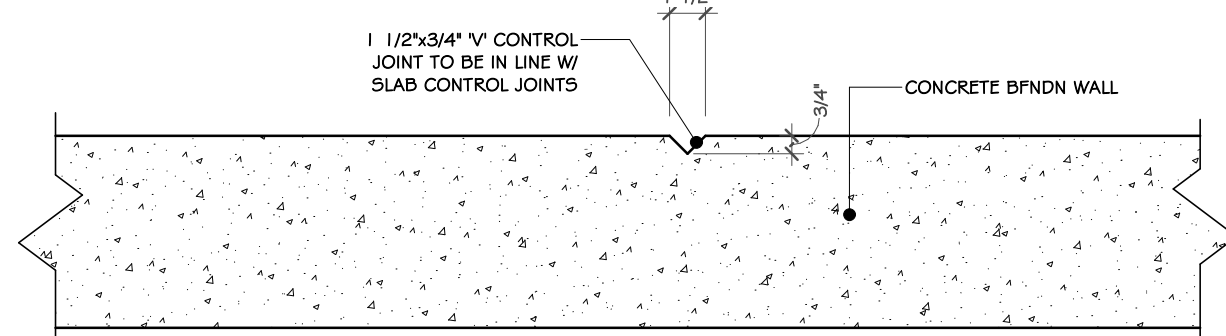


- NOTES:
1. MATERIAL SHALL BE DUCTILE IRON.
  2. CONCEPT SHOWN FOR REFERENCE ONLY. PROVIDE NEENAH FOUNDRY K-4922 OR EQUAL.

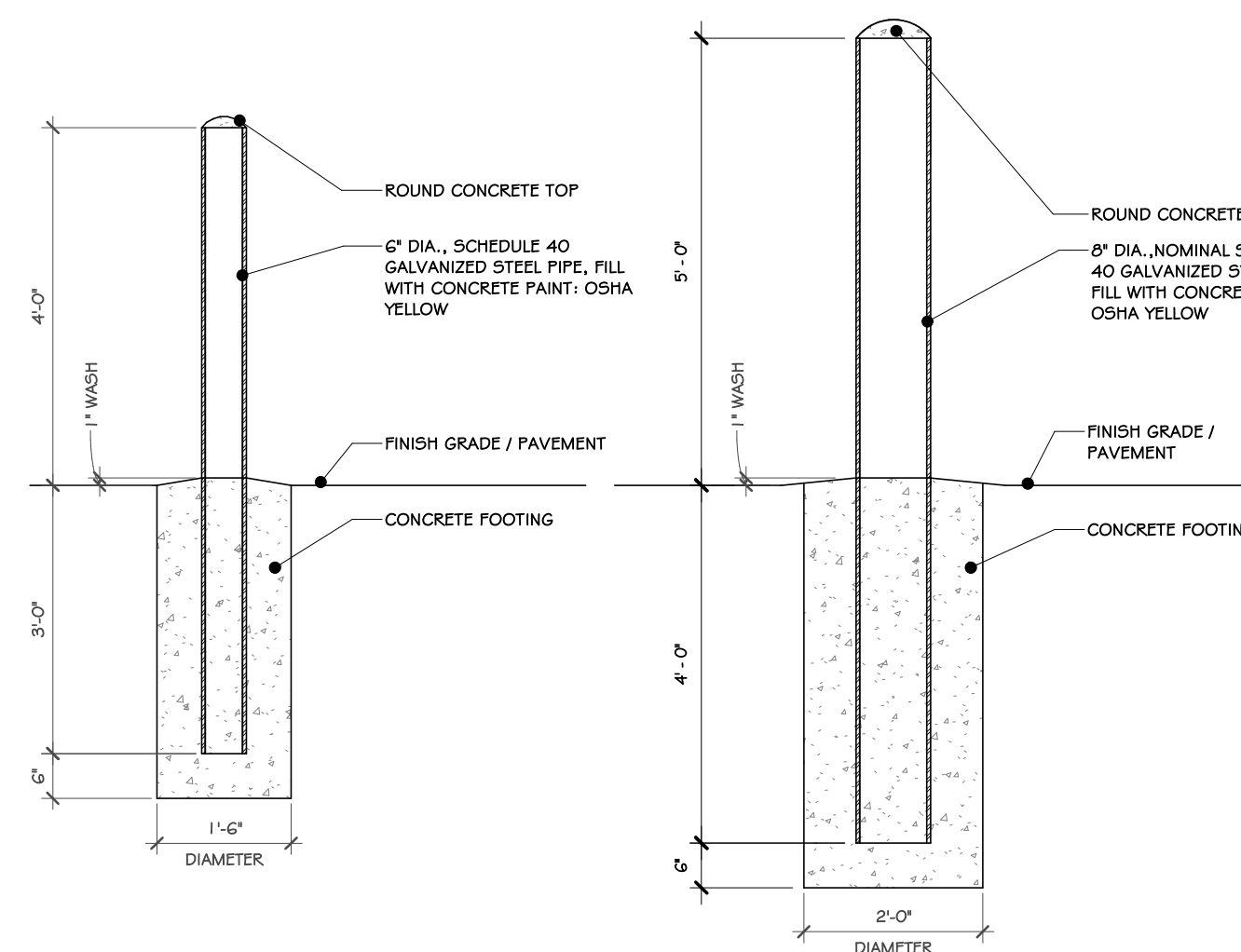
4 ROOF LEADER BOOT  
3/4\" = 1'-0"



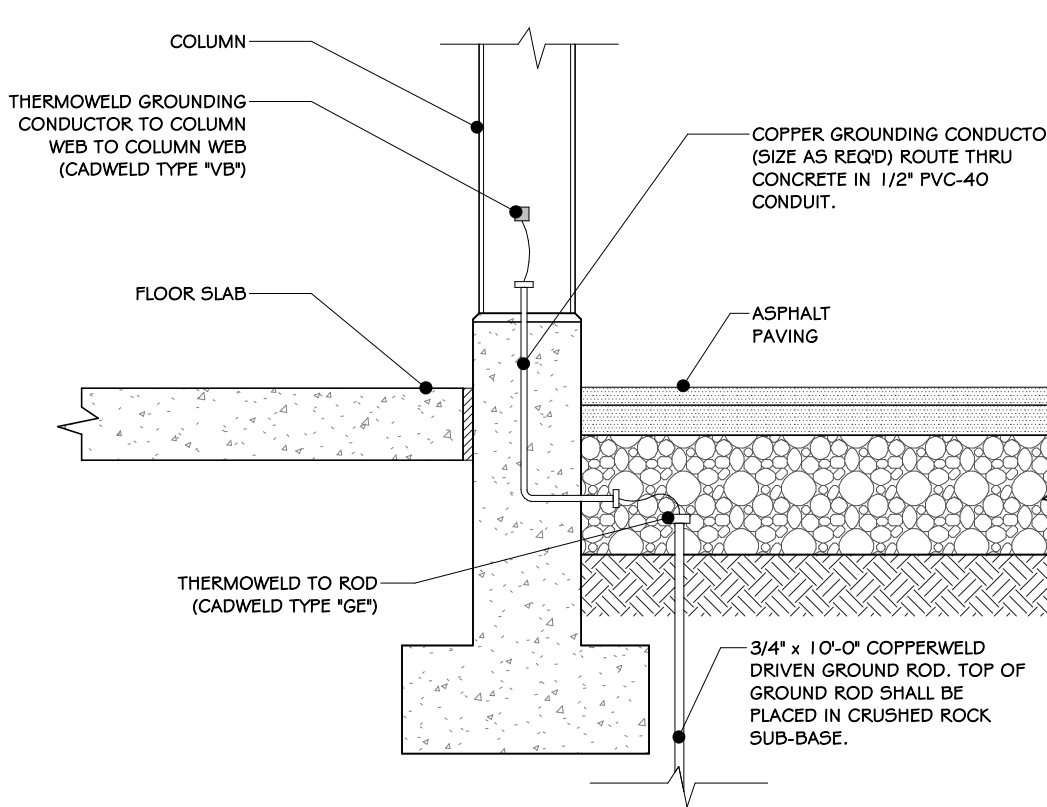
5 HAUNCH @ DOOR DETAIL  
1\" = 1'-0"



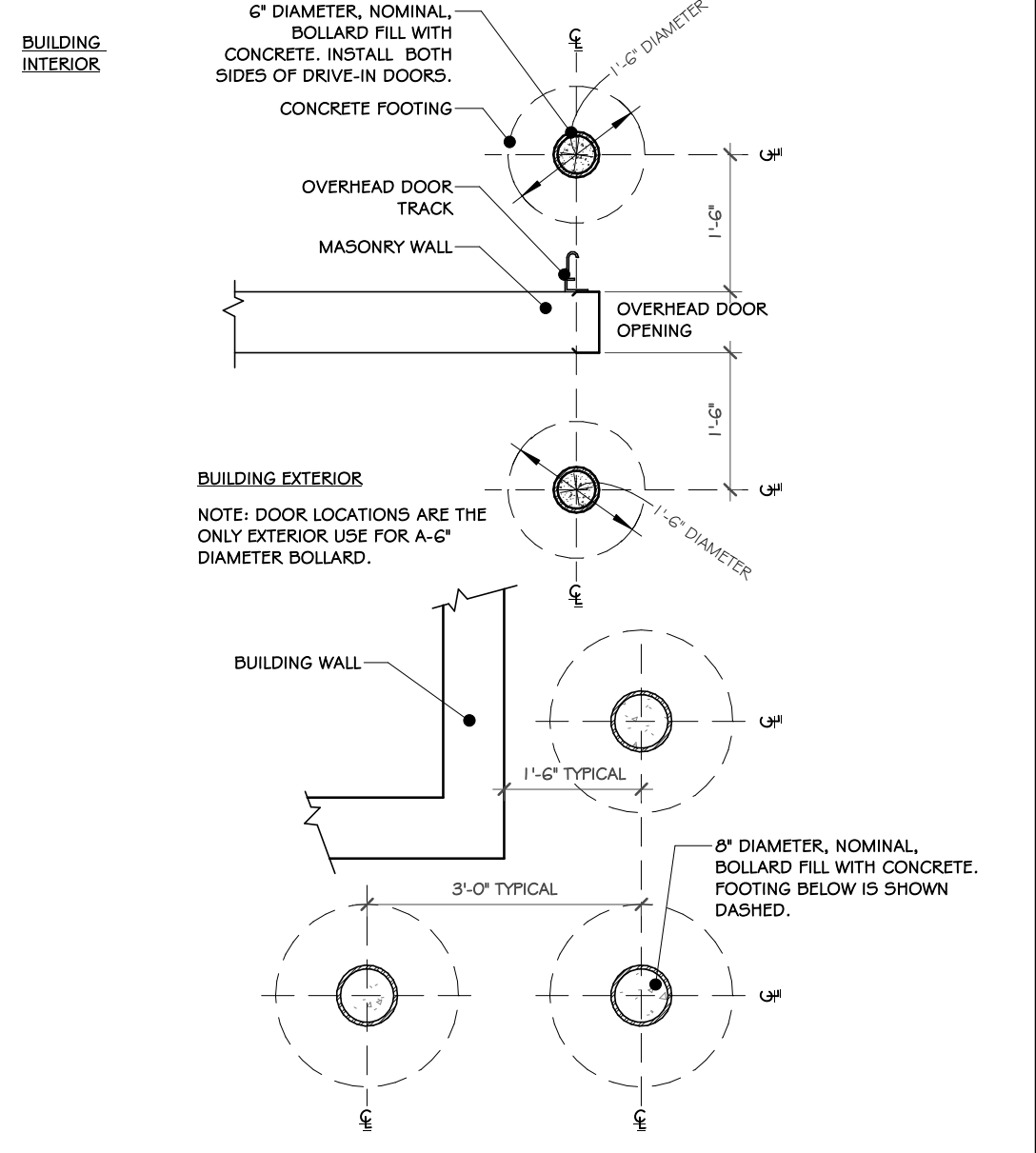
6 FOUNDATION WALL CONTROL JOINT DETAIL  
1/2" = 1'-0"



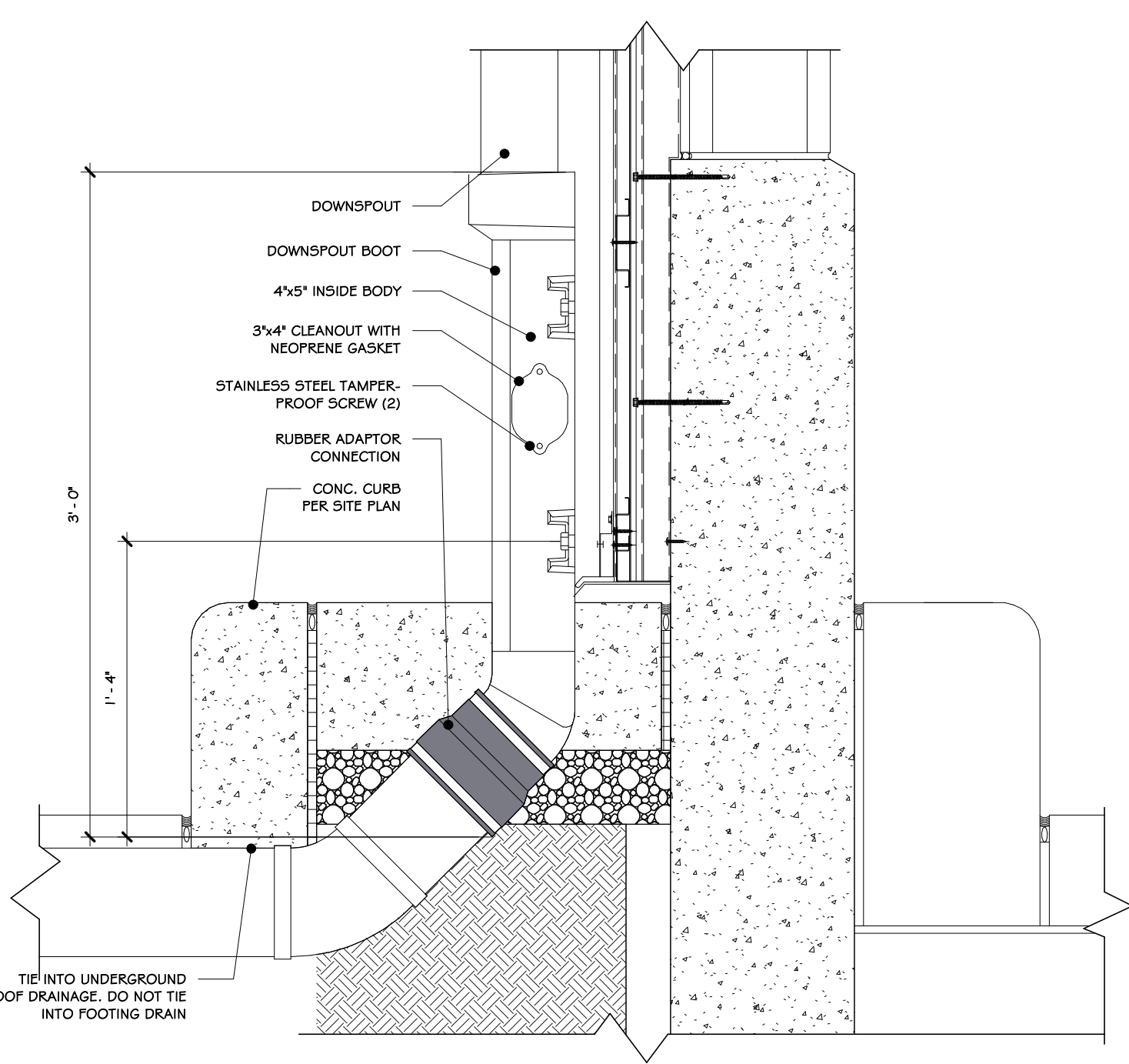
7 BOLLARD DETAILS  
1/2" = 1'-0"



8 GROUNDING DETAIL  
3/4\" = 1'-0"

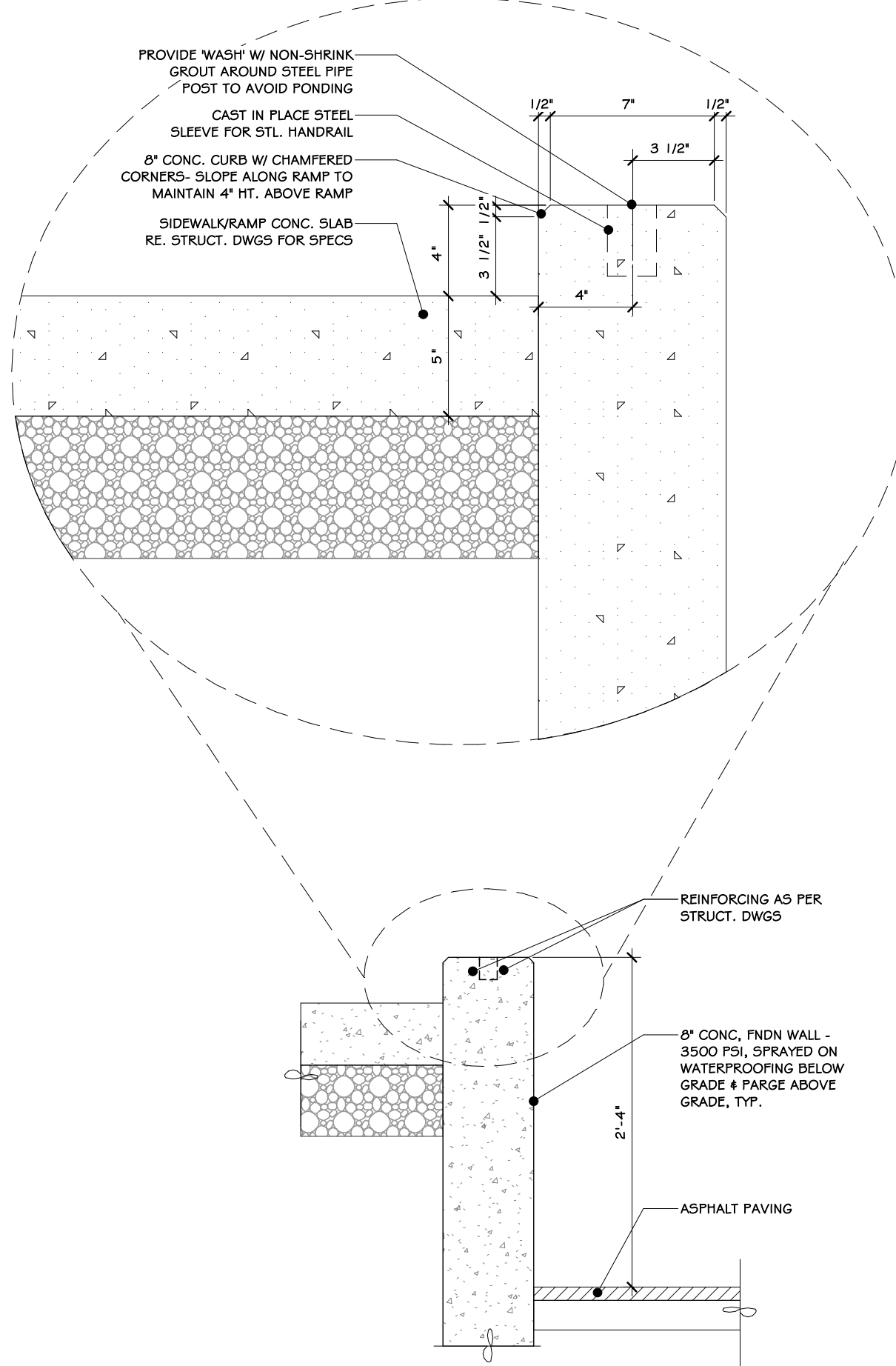


9 BOLLARD LOCATION DETAILS  
1/2" = 1'-0"

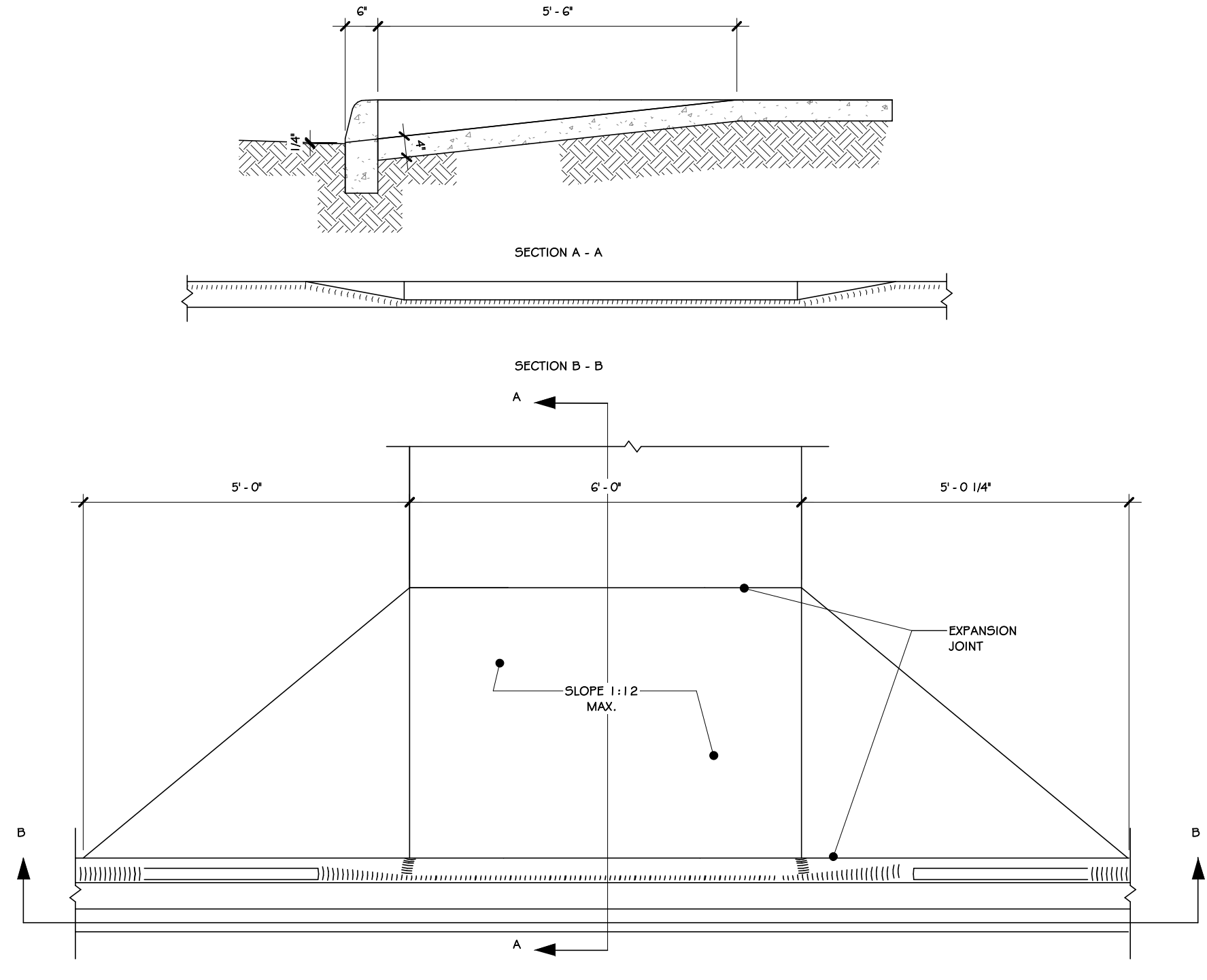


NOTE: DETAIL IS ONLY FOR DOWNSPOUT INFORMATION. ADJACENT WALLS, SIDEWALKS, ETC. ARE PER THE SPECIFIC PLAN AND SECTION DRAWINGS WITHIN THIS PROJECT

10 ANGULAR DOWNSPOUT BOOT-ALTERNATIVE  
1/2" = 1'-0"



11 RAMP CURB DETAIL  
1/2" = 1'-0"



12 RAMP DETAIL  
1/2" = 1'-0"

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Project: **TOWN OF MONTGOMERY POLICE STATION**  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: **COMMERCIAL SITE DETAILS**

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number: **A-620**

REGISTERED ARCHITECT  
JASON T. ANDERSON  
033127  
STATE OF NEW YORK



FLASHING INSTALLATION SEQUENCE

STEP C

A. OPTIONAL: ADHERE HIGH PRESSURE SKIRT TO THE BOTTOM THRESHOLD OF THE DOOR.

B. INSTALL DOOR ACCORDING TO MANUFACTURERS INSTRUCTIONS.

C. CUT TWO PIECES OF THE FLASHING TAPE FOR JAMB FLASHING EXTENDING 1" ABOVE DOOR HEAD FLANGE AND BELOW BOTTOM EDGE OF SILL FLASHING. RELEASE PAPER AND PRESS TIGHTLY ALONG SIDES OF DOOR FRAME.

D. CUT A PIECE OF FLASHING TAPE FOR HEAD FLASHING, WHICH EXTENDS BEYOND OUTER EDGES OF JAMB FLASHING. REMOVE RELEASE PAPER AND INSTALL COMPLETELY COVERING MOUNTING FLANGE AND ADHERING TO EXPOSED SHEATHING OR FRAMING MEMBERS (DETD).

NOTE: ENSURE PROPER SHINGLING, FLASHING TAPE MUST OVERLAP THE OTHER FLASHING TAPE AND ADHERE TO THE ADHESIVE TAPE.

STEP 7

A. FLIP DOWN UPPER FLAP OF WRB SO THAT IT LAYS FLAT ACROSS HEAD FLASHING.

B. AT THE HEAD, CONTINUOUS TAPE SEAMS AS SHOWN WITH THE ADHESIVE TAPE. SHIP-TAPPING AT THE HEAD IS ACCEPTABLE IF AN AIR BARRIER IS NOT REQUIRED OR IF ADDITIONAL DRAINAGE IS DESIRED. DO NOT TAPE AT BOTTOM OF DOOR.

C. TAPE DOWN DIAGONAL SEAMS OF ADHESIVE TAPE.

STEP D

A. OPTIONAL: WHEN THE INTERIOR FLOORING IS READY TO INSTALL, REMOVE RELEASE PAPER AND USE FOLDING OPTION ONE OR TWO (SHOWN BELOW) TO FORM BACK DAM.

B. INSTALL ADHESIVE SEALANT TAPE (AND BACKER ROD IS NECESSARY) AROUND THE WINDOW OPENING AT THE INTERIOR. IT IS ALSO ACCEPTABLE TO USE RECOMMENDED OPENING FOAM. THE SEAL CREATED BY THE SEALANT (AND BACKER ROD AS NECESSARY) OR FOAM WILL ALSO SERVE AS A BACK DAM. THE ADHESIVE SEALANT TAPE SHOULD BE TOoled FLAT TO ALLOW THE NATURAL CURING PROCESS TO CREATE A CONCAVE SHAPE. BE SURE THAT THE SEALANT PENETRATES THE GROOVES OF THE FLASHING TAPE AROUND THE SILL.

NOTE: INSTALLATIONS THAT SPECIFY A WINDOW/DOOR DESIGN RATING OF DP45 OR GREATER REQUIRE EXTRA PRECAUTIONS. SEE GENERAL INSTRUCTIONS FOR PERFORMANCE REQUIREMENTS EXCEEDING THIS DESIGN RATING.

FLASHING SYSTEMS INSTALLATION GUIDELINES FOR RECTANGULAR INTEGRAL FLANGED DOORS AFTER WATER-RESISTIVE BARRIER (WRB) IS INSTALLED

STEP 1

PREPARE WRB FOR DOOR INSTALLATION:

A. MAKE AN "X-CUT" (STANDARD I-CUT) IN WRB. FOR AN "X-CUT", BEGIN WITH A HORIZONTAL CUT ACROSS THE BOTTOM AND THE TOP OF THE DOOR FRAME FROM THE CENTER. CUT STRAIGHT DOWN TO THE SILL.

B. CUT TWO 45 DEGREE SLITS A MINIMUM OF 8" EXTENDING FROM THE CORNER OF THE DOOR HEAD, UP AND AWAY FROM THE DOOR OPENING. THIS WILL CREATE A FLAP ABOVE THE ROUGH OPENING TO EXPOSE SHEATHING OR FRAMING MEMBERS TO ALLOW HEAD FLASHING INSTALLATION (SEE STEP 6). SOME DOORS AND FLASHING WIDTHS MAY REQUIRE LONGER SLITS.

C. FLIP HEAD FLAP UP AND TEMPORARILY SECURE WITH ADHESIVE TAPE.

NOTE: SOME DOORS AND FLASHING WIDTHS MAY REQUIRE LONGER SLITS.

D. FOLD SIDE FLAPS INTO ROUGH OPENING AND SECURE TO INSIDE WALL FRAMING. CUT OFF EXCESS FLAPS IF DESIRED.

STEP 2

PREPARING OF SILL FLASHING:

A. CUT A PIECE OF 6" OR 8" WIDE FLASHING ADHESIVE TAPE THE WIDTH OF THE SILL.

B. 9" FLASHING TAPE HAS PERFORATED RELEASE PAPER TO HELP WITH THE FORMATION OF THE BACK DAM. TO ENSURE THAT THE PERFORATION TEARS CLEANLY, HOLD THE PERFORATION 180° AND CREASE THE FLASHING.

C. REMOVE THE TWO WIDEST PIECES OF RELEASE PAPER LEAVING THE NARROWEST RELEASE PAPER ON THE FLASHING. WHEN THE FINISHED FLOOR IS APPLIED, THE RELEASE PAPER CAN BE REMOVED AND THE BACK DAM CAN BE COMPLETED.

STEP 3

A. INSTALL THE SILL FLASHING AS INDICATED LEAVING THE 1" OF 9" FLASHING TAPE WITH RELEASE PAPER EXTENDING 1" PAST THE DOOR THRESHOLD ON THE INSIDE. WHEN THE 1" OF RELEASE PAPER IS REMOVED THERE SHOULD BE 3/4" OF FLASHING TO FORM THE BACK DAM. OPTIONAL: SOME FLOORING CANNOT ACCOMMODATE A BACK DAM. IN THAT CASE, FOLD THE 1" BACK DAM ON TOP OF 9" FLEX WRAP 18° IN THE SILL. DOOR WILL BE INSTALLED ON TOP OF THE 1" FOLD TO CREATE A BACK DAM.

STEP 4

FAN OUT THE FLASHING TAPE AT THE BOTTOM OF CORNERS ONTO FACE OF COVERAGE OF THE FLASHING TAPE SHOULD BE 2" TO 3" ONTO THE FACE WALL. APPLY RESIDENTIAL SEALANT. COMMERCIAL SEALANT OR RECOMMENDED SEALANT ON THREE SIDES (JAMBS AND HEAD) AS SHOWN IN THE DRAWING. IF SEALANT IS APPLIED TO THE SILL, ENSURE THAT THERE ARE AT LEAST TWO (2) 2" GAPS IN THE SEALANT BEAD FOR EVERY 4" OF WINDOW TO ALLOW FOR DRAINAGE.

STEP 5

FOR EXTREME WEATHER CONDITIONS, PERFORMANCE REQUIREMENTS EXCEEDING ASTM E1187, OR WINDOW/DOOR DESIGN RATINGS OF DP45 OR GREATER, SEE GENERAL INSTRUCTIONS.

A. CREATE THE HIGH PRESSURE SKIRT BY CUTTING A PIECE OF WRB 1" WIDER THAN THE WIDTH OF DOOR OPENING AND APPROXIMATELY 10" IN DEPTH.

B. CUT OFF PIECE OF FLASHING TAPE TO THE SAME WIDTH AS THE SKIRT. REMOVE TWO PIECES OF RELEASE PAPER AND ADHERE TO THE WRB.

C. REMOVE THE LAST PIECE OF RELEASE PAPER AND ATTACH THE SKIRT TO THE UNDERSIDE OF THE DOOR. THIS SKIRT MAY BE MADE WITH STRAIGHT FLASHING TAPE.

STEP - 9

STEP - 8

STEP - 7

STEP - 6

STEP - 5

STEP - 4

STEP - 3

STEP - 2

STEP - 1

WINDOW FLASHING SEQUENCE

1/4" = 1'-0"

FLASHING INSTALLATION SEQUENCE

STEP G

A. OPTIONAL: ADHERE HIGH PRESSURE SKIRT TO THE BOTTOM THRESHOLD OF THE DOOR.

B. INSTALL DOOR ACCORDING TO MANUFACTURERS INSTRUCTIONS.

C. CUT TWO PIECES OF THE FLASHING TAPE FOR JAMB FLASHING EXTENDING 1" ABOVE DOOR HEAD FLANGE AND BELOW BOTTOM EDGE OF SILL FLASHING. RELEASE PAPER AND PRESS TIGHTLY ALONG SIDES OF DOOR FRAME.

D. CUT A PIECE OF FLASHING TAPE FOR HEAD FLASHING, WHICH EXTENDS BEYOND OUTER EDGES OF JAMB FLASHING. REMOVE RELEASE PAPER AND INSTALL COMPLETELY COVERING MOUNTING FLANGE AND ADHERING TO EXPOSED SHEATHING OR FRAMING MEMBERS (DETD).

NOTE: ENSURE PROPER SHINGLING, FLASHING TAPE MUST OVERLAP THE OTHER FLASHING TAPE AND ADHERE TO THE ADHESIVE TAPE.

STEP 7

A. FLIP DOWN UPPER FLAP OF WRB SO THAT IT LAYS FLAT ACROSS HEAD FLASHING.

B. AT THE HEAD, CONTINUOUS TAPE SEAMS AS SHOWN WITH THE ADHESIVE TAPE. SHIP-TAPPING AT THE HEAD IS ACCEPTABLE IF AN AIR BARRIER IS NOT REQUIRED OR IF ADDITIONAL DRAINAGE IS DESIRED. DO NOT TAPE AT BOTTOM OF DOOR.

C. TAPE DOWN DIAGONAL SEAMS OF ADHESIVE TAPE.

STEP 8

A. OPTIONAL: WHEN THE INTERIOR FLOORING IS READY TO INSTALL, REMOVE RELEASE PAPER AND USE FOLDING OPTION ONE OR TWO (SHOWN BELOW) TO FORM BACK DAM.

B. INSTALL ADHESIVE SEALANT TAPE (AND BACKER ROD IS NECESSARY) AROUND THE WINDOW OPENING AT THE INTERIOR. IT IS ALSO ACCEPTABLE TO USE RECOMMENDED OPENING FOAM. THE SEAL CREATED BY THE SEALANT (AND BACKER ROD AS NECESSARY) OR FOAM WILL ALSO SERVE AS A BACK DAM. THE ADHESIVE SEALANT TAPE SHOULD BE TOoled FLAT TO ALLOW THE NATURAL CURING PROCESS TO CREATE A CONCAVE SHAPE. BE SURE THAT THE SEALANT PENETRATES THE GROOVES OF THE FLASHING TAPE AROUND THE SILL.

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C. REMOVE THE LAST PIECE OF RELEASE PAPER AND ATTACH THE SKIRT TO THE UNDERSIDE OF THE DOOR. THIS SKIRT MAY BE MADE WITH STRAIGHT FLASHING TAPE.

STEP - 8

STEP - 7

STEP - 6

STEP - 5

STEP - 4

STEP - 3

STEP - 2

STEP - 1

DOOR FLASHING SEQUENCE

1/2" = 1'-0"

100%

BID DOCUMENTS

REVISONS:

NUM.	DATE	DESCRIPTION

A

D

G

ARCHITECTS

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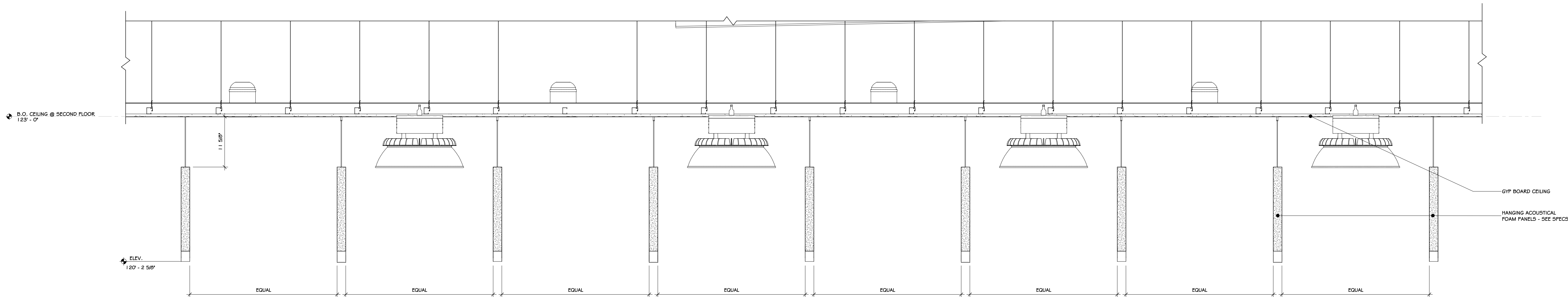
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106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: DOOR & WINDOW FLASHING SEQUENCE

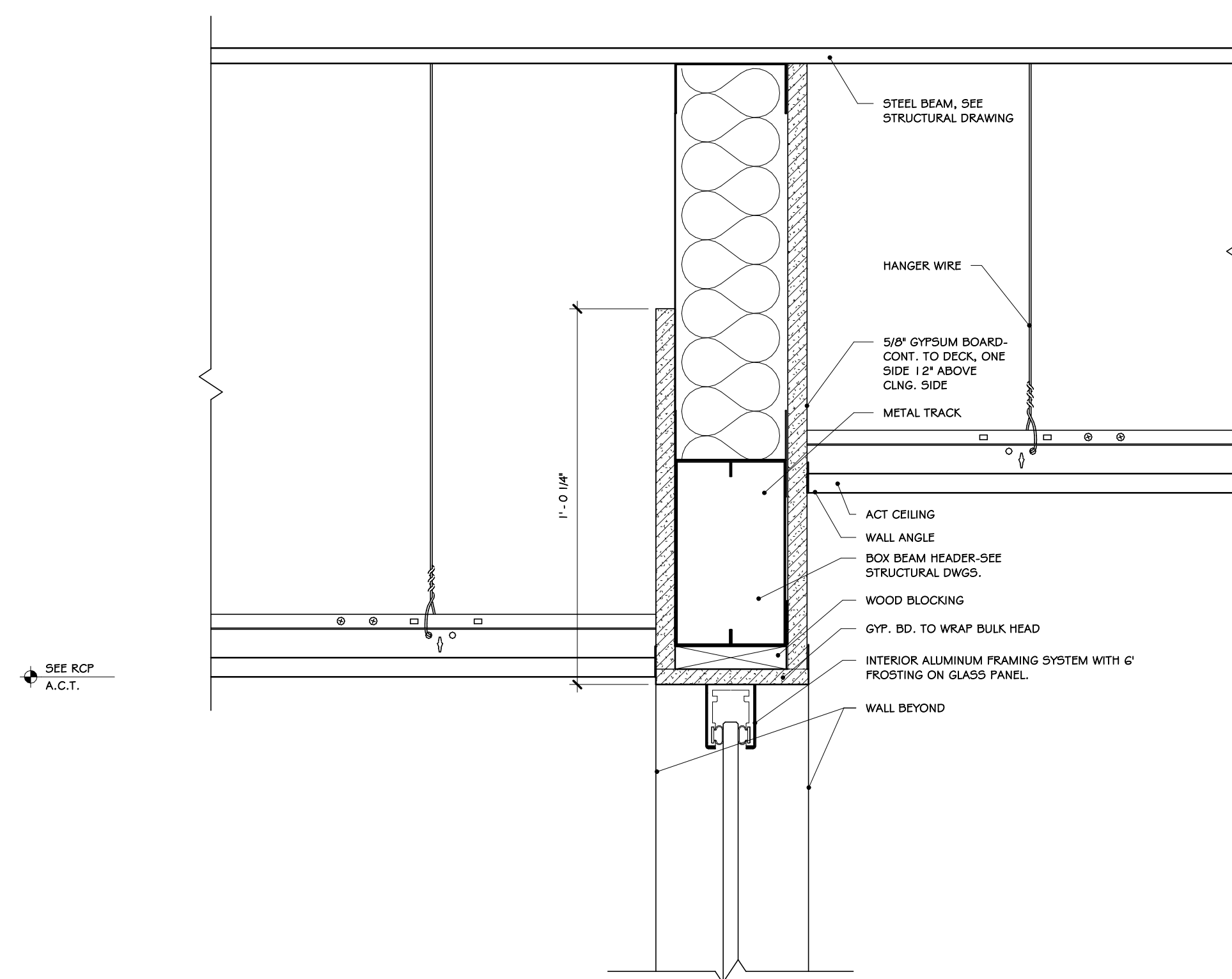
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ADG ARCHITECTS  
12/1/2015  
033127  
STATE OF NEW YORK

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
A-621





1 ACOUSTICAL BAFFLE DETAIL  
1" = 1'-0"



2 SECTION @ RAISED BULKHEAD  
3" = 1'-0"

100% BID DOCUMENTS

REVISIONS:			
NUM.	DATE	DESCRIPTION	

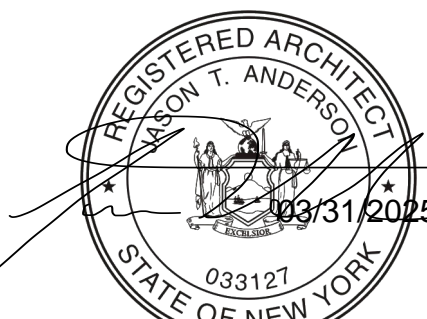


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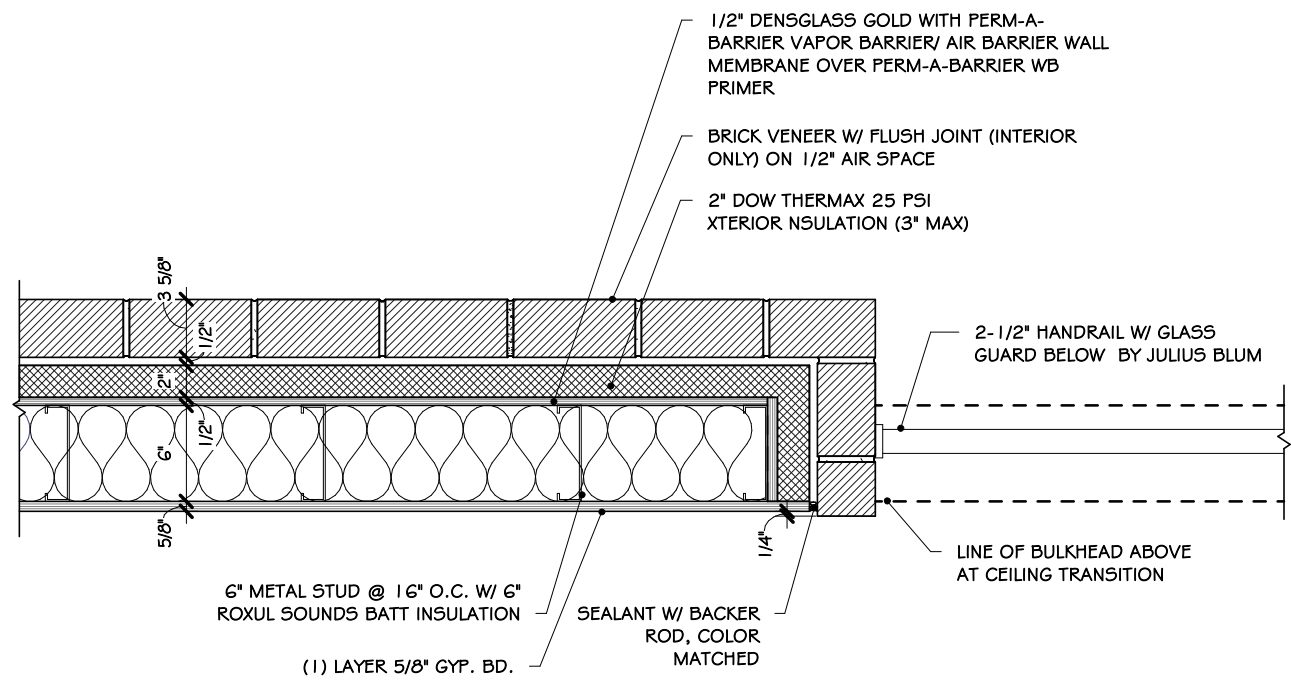
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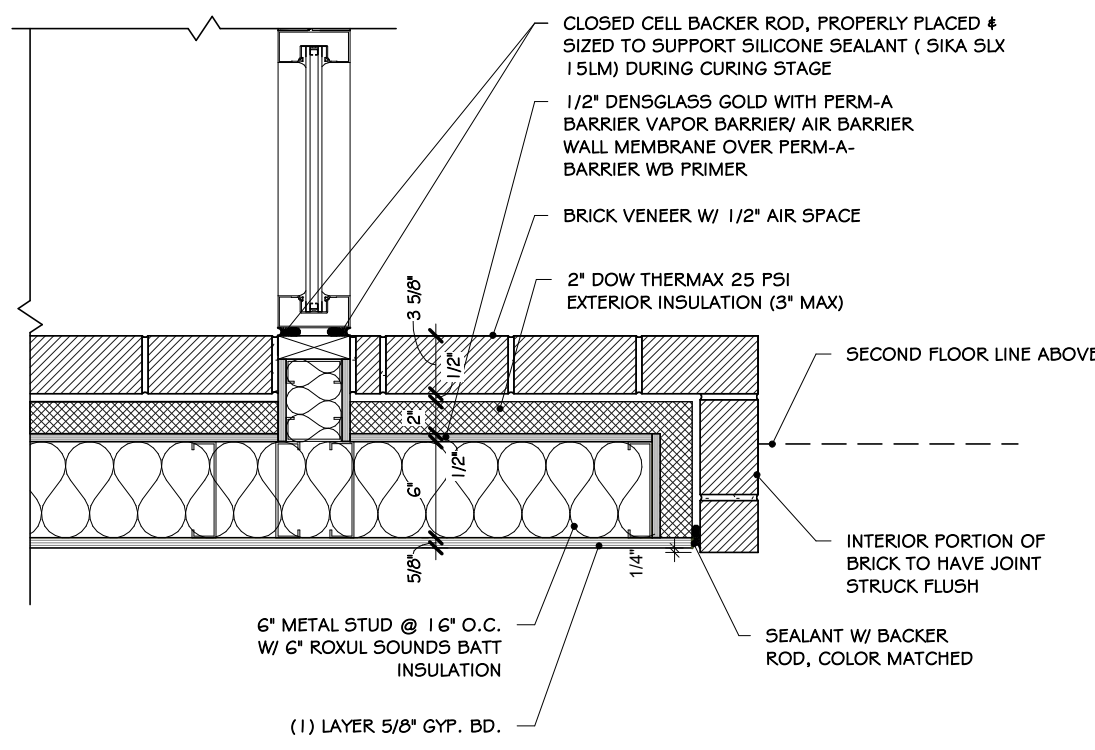
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A-622

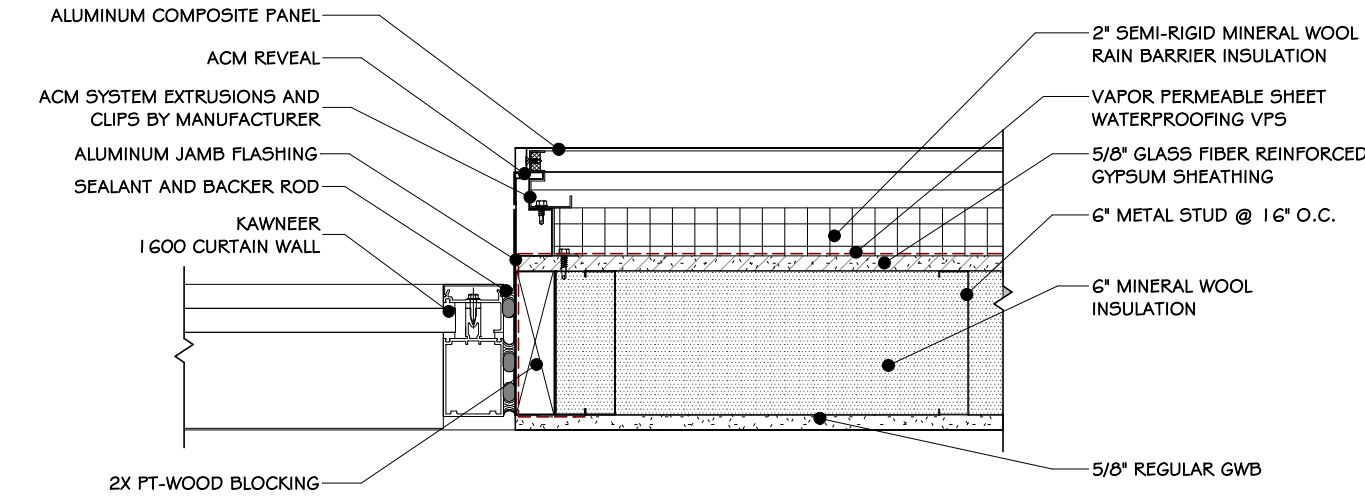




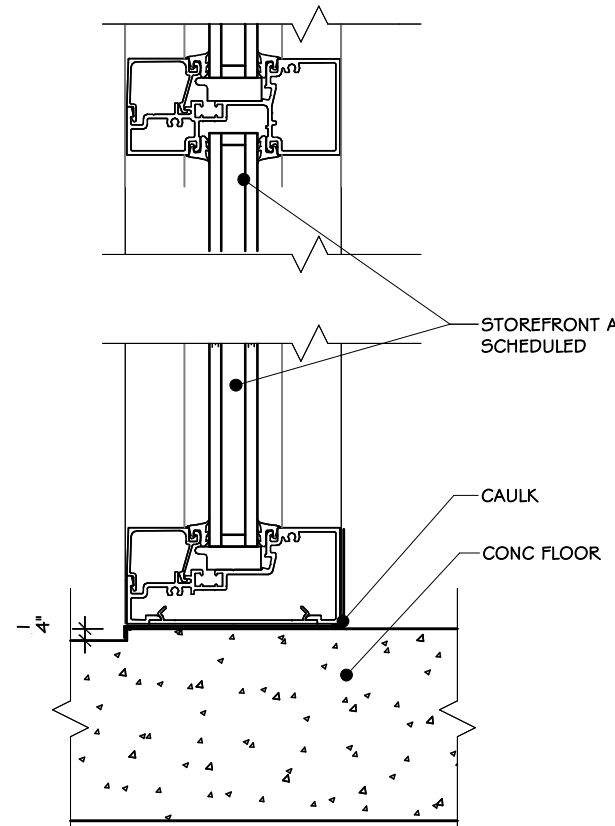
1 WALL DETAIL ABOVE SILL UP TO PARAPET  
1" = 1'-0"



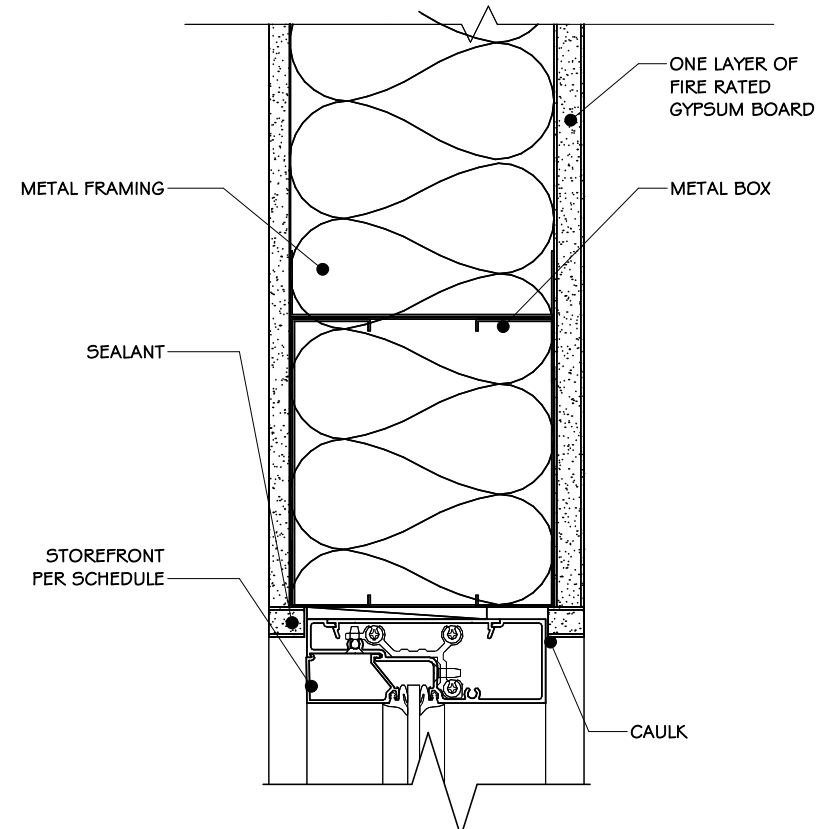
2 BRICK-STOREFRONT DETAIL @ INTERIOR  
1" = 1'-0"



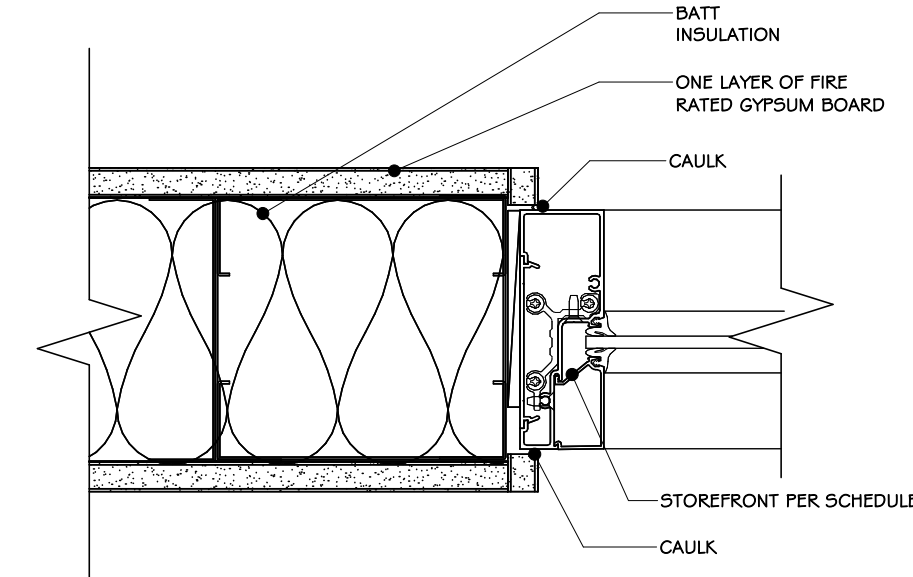
3 STOREFRONT - ACM TRANSITION  
1 1/2" = 1'-0"



4 STOREFRONT SILL DETAIL  
1 2" = 1'-0"



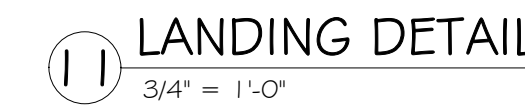
5 STOREFRONT HEAD DETAIL  
1 2" = 1'-0"




6 STOREFRONT JAMB DETAIL  
1 2" = 1'-0"

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Project: TOWN OF MONTGOMERY POLICE STATION 106 BRACKEN ROAD MONTGOMERY, NEW YORK 12549			
Drawing: WALL TRANSITION DETAIL & STOREFRONT DETAILS			
<div><div>REGISTERED ARCHITECT</div><div>JASON T. ANDERSON</div><div>033127</div><div>02/24/25</div><div>STATE OF NEW YORK</div></div>		<div>Project: 23138</div> <div>Date: 02/24/25</div> <div>Drawn: IDEA</div> <div>Scale: AS NOTED</div> <div>Drawing Number:</div>	
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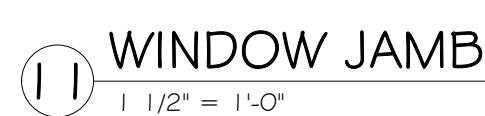
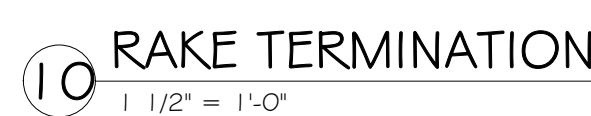
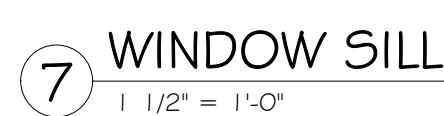
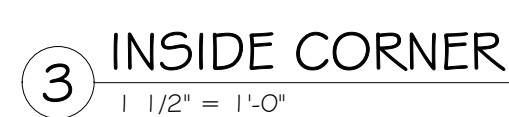


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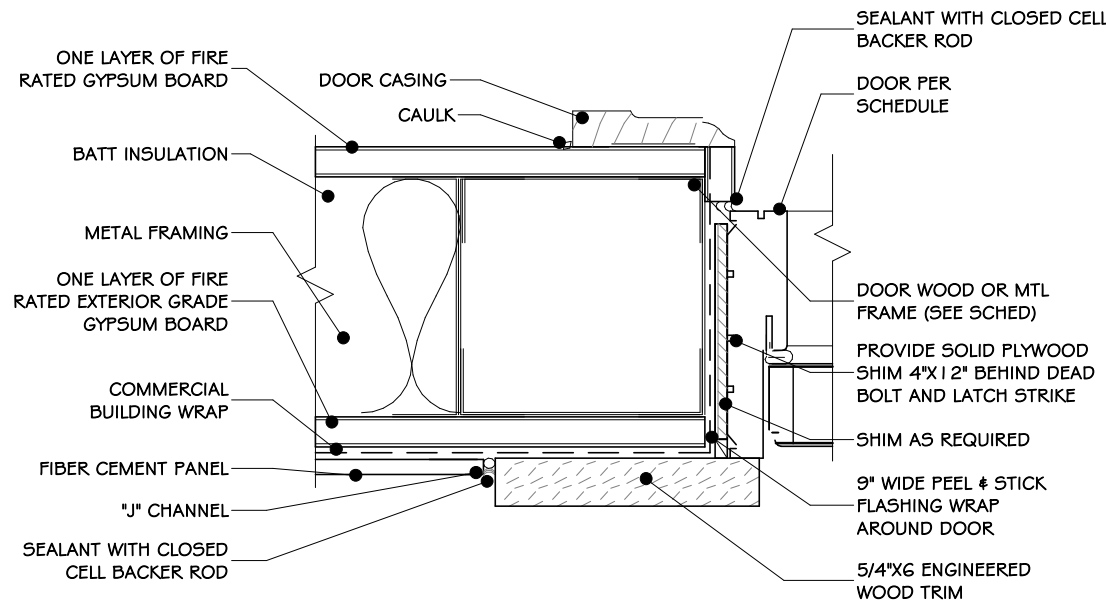
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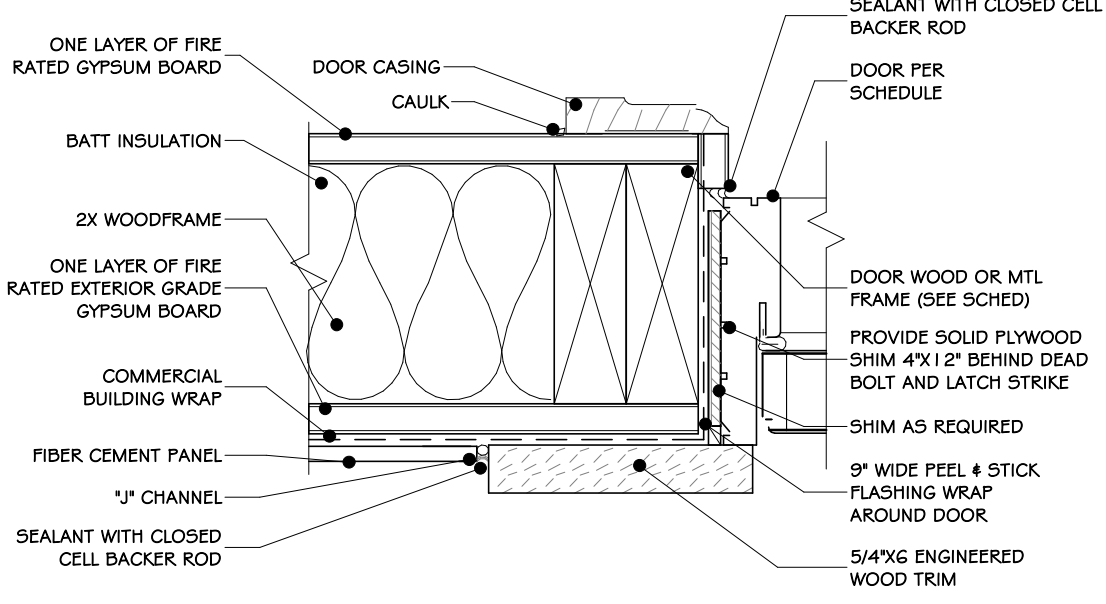


03/31/2025  
033127  
STATE OF NEW YORK  
A-625

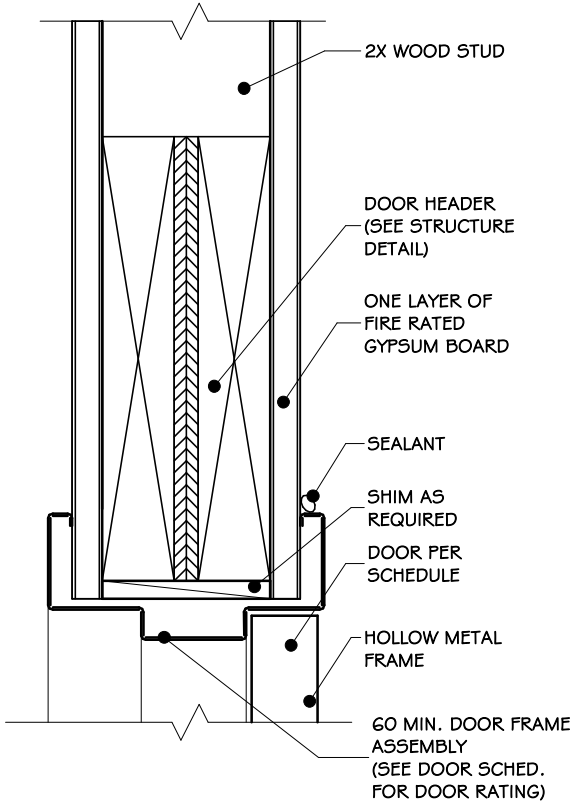




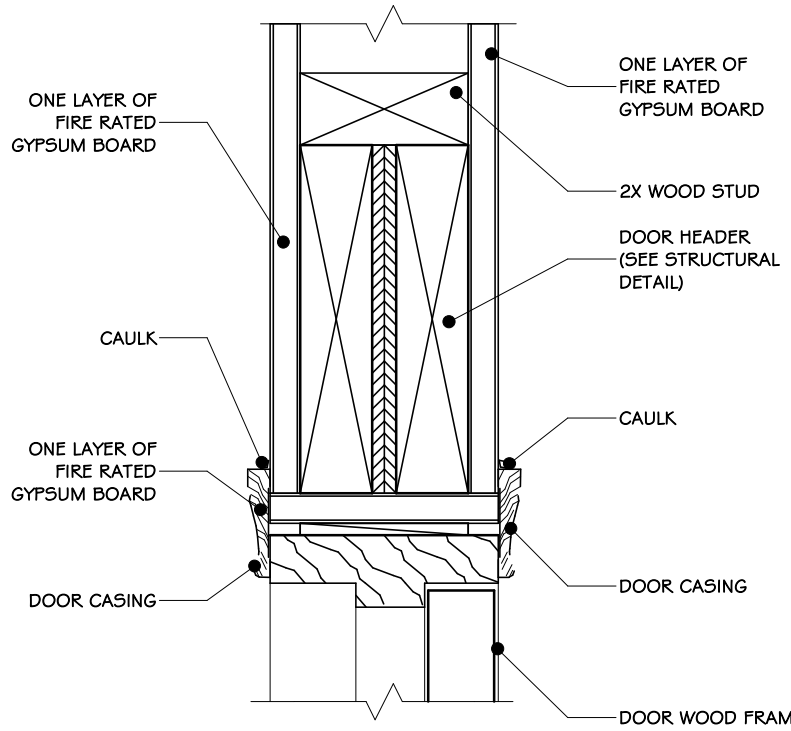
1 DETAIL JAMB - FIBER CEMENT PANEL (METAL FRAME)  
1/2" = 1'-0"



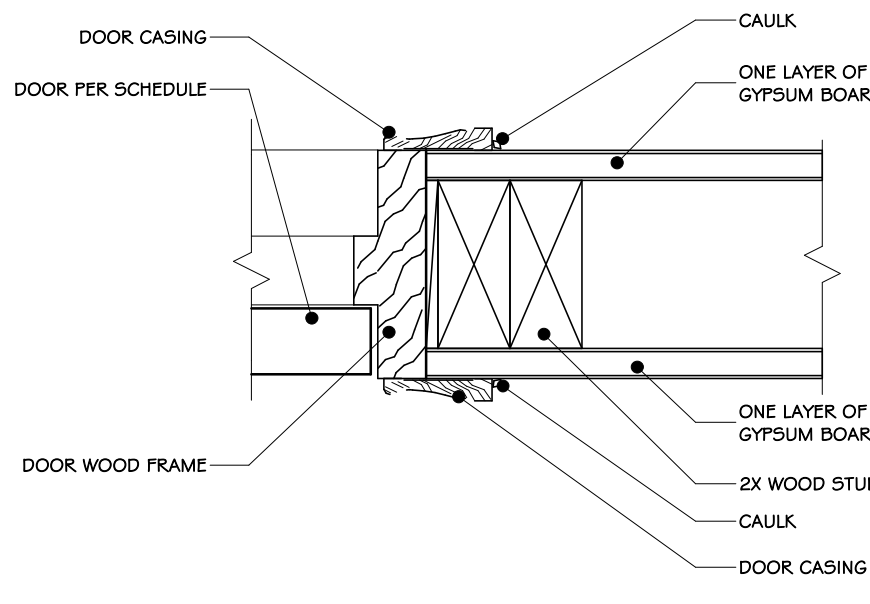
2 DETAIL JAMB - FIBER CEMENT PANEL  
1/2" = 1'-0"



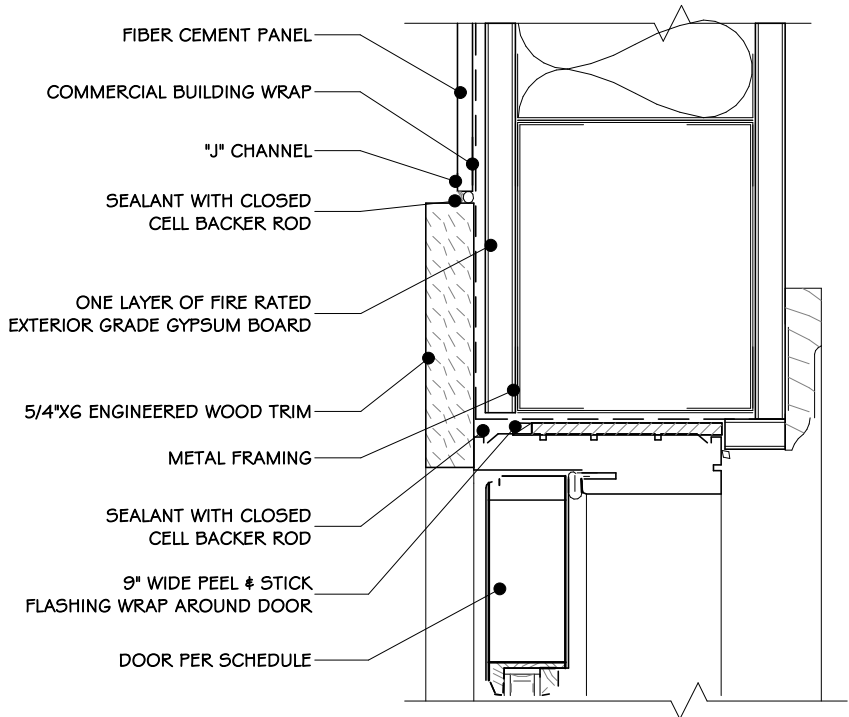
3 EXTERIOR DOOR SILL HEAD DETAIL  
1/2" = 1'-0"



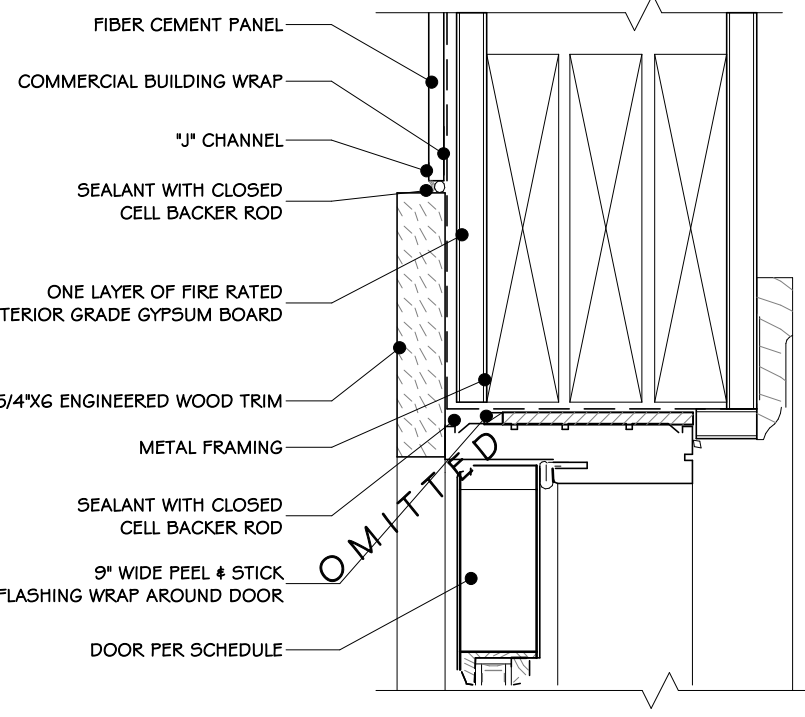
4 HEAD DETAIL AT INTERIOR LOAD BEARING WALL  
1/2" = 1'-0"



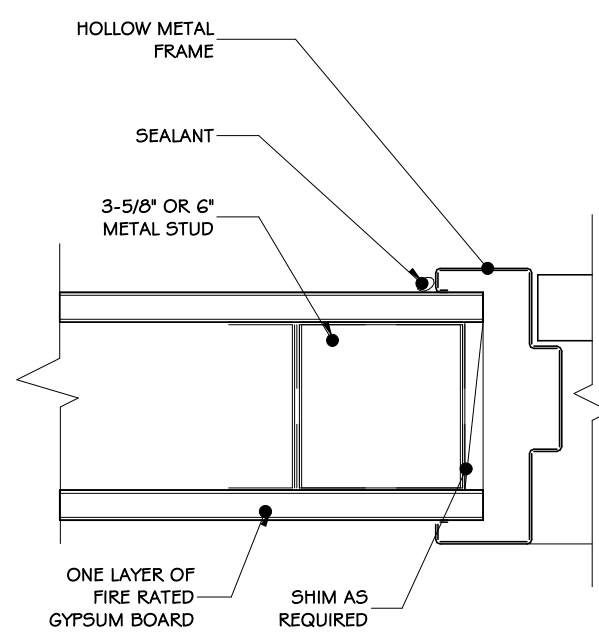
5 JAMB DETAIL AT INTERIOR NON LOAD BEARING WALL  
1/2" = 1'-0"



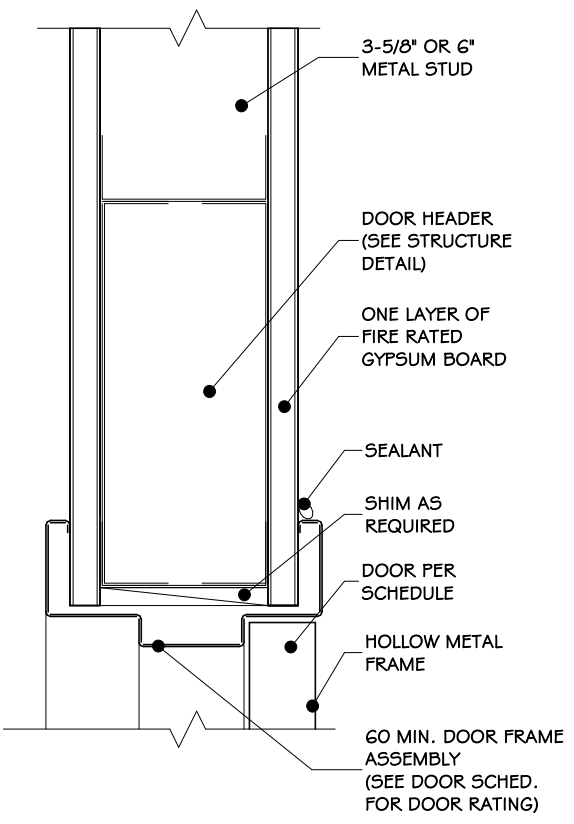
6 DETAIL HEAD - FIBER CEMENT PANEL (METAL FRAME)  
1/2" = 1'-0"



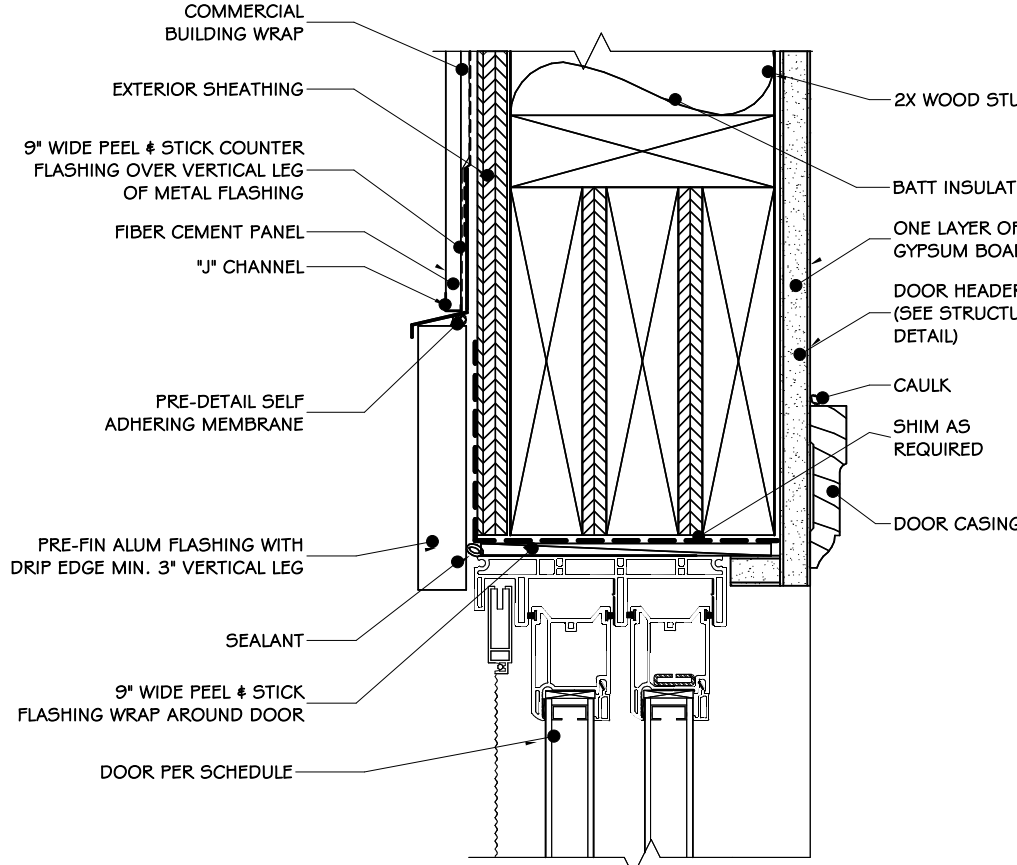
7 DETAIL HEAD - FIBER CEMENT PANEL  
1/2" = 1'-0"



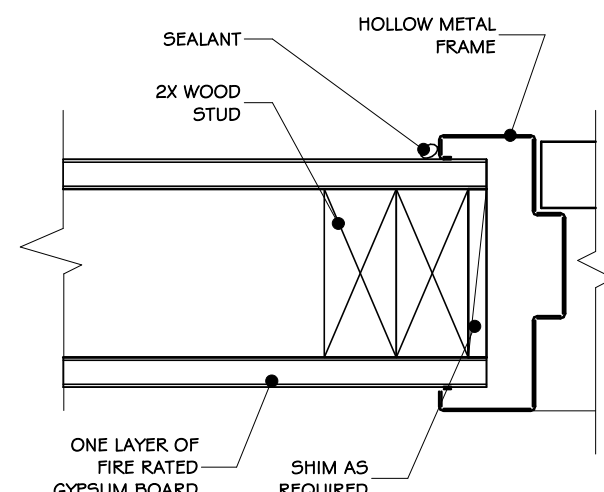
11 INTERIOR DOOR JAMB - METAL FRAME  
1/2" = 1'-0"



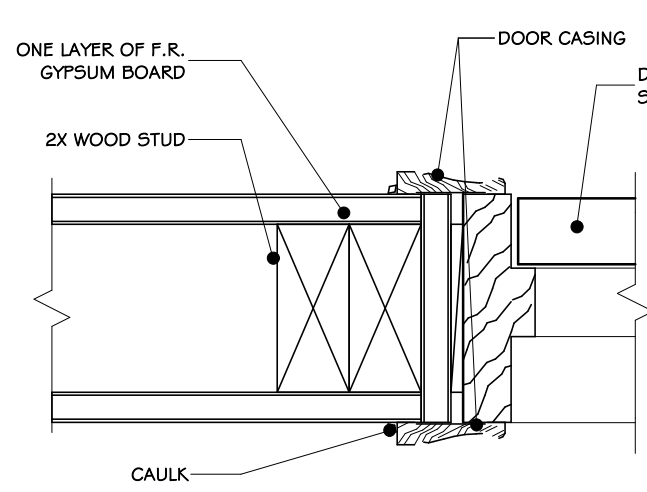
12 INTERIOR DOOR HEAD - METAL FRAME  
1/2" = 1'-0"



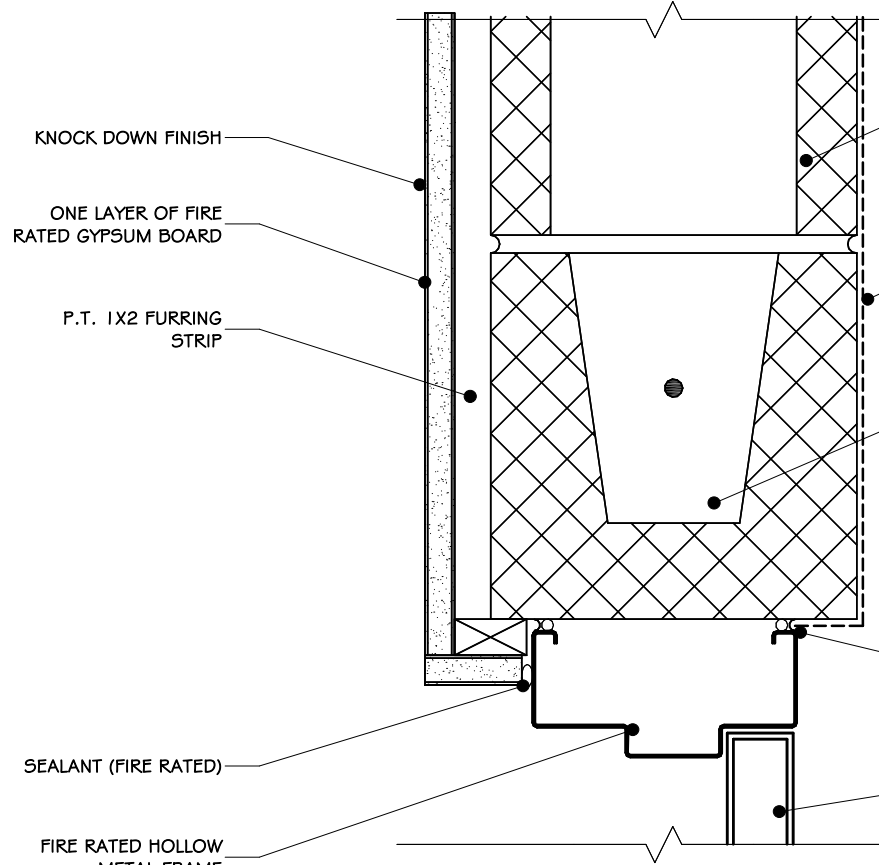
13 DOOR HEAD DETAILS  
1/2" = 1'-0"



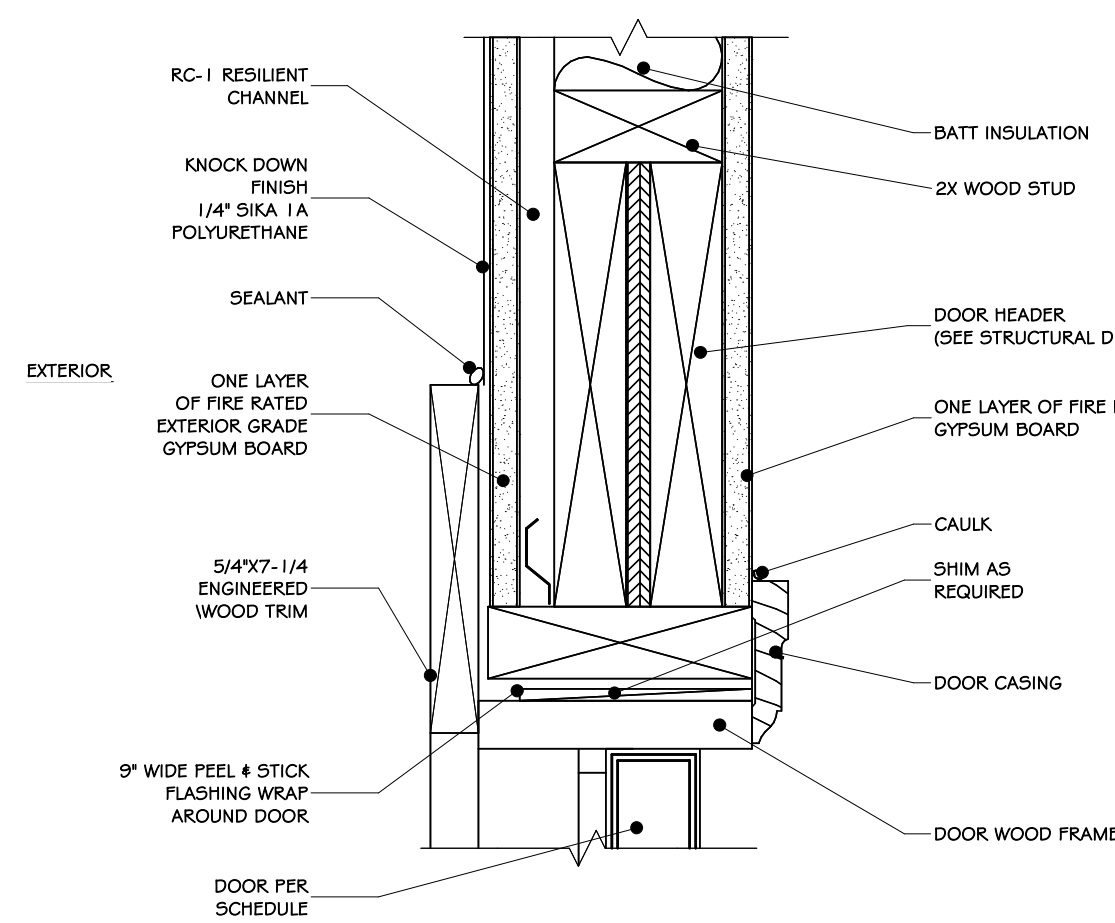
8 JAMB DETAIL  
1/2" = 1'-0"



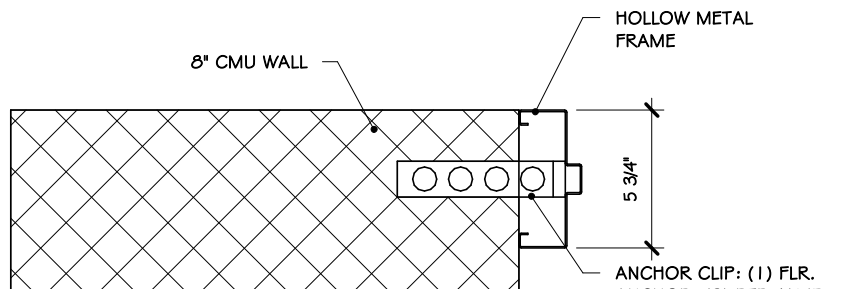
9 JAMB DETAIL AT INTERIOR LOAD BEARING WALL  
1/2" = 1'-0"



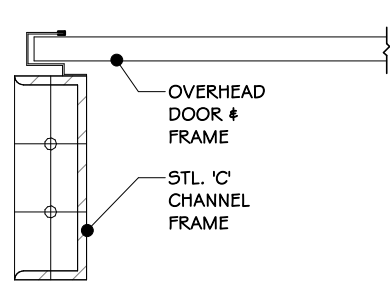
17 DOOR HEAD (EXIT ENCLOSURE)  
1/2" = 1'-0"



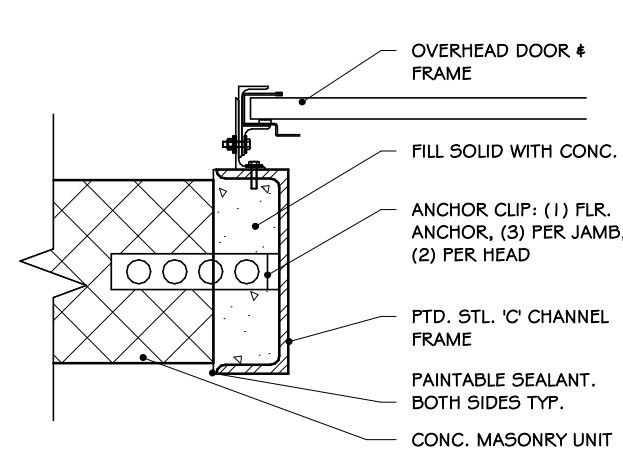
18 HEAD DETAIL AT ENTRY (1 HR.)  
1/2" = 1'-0"



14 6 INCH METAL JAMB DETAIL  
1/2" = 1'-0"



15 OVERHEAD DOOR JAMB DETAIL  
1/2" = 1'-0"



16 OVERHEAD DOOR JAMB DET.  
1/2" = 1'-0"





1 FIRST FLOOR FINISH PLAN  
1/4" = 1'-0"

## CONSTRUCTION NOTES

1. PROVIDE SCAFFOLD BARS AT ALL FINISH MATERIAL TRANSITIONS, INCLUDING, BUT NOT LIMITED TO TILE TO CARPET, TILE TO DRY BD, CARPET TO WOOD, WOOD TO TILE, ETC.
2. SEE REFLECTED CEILING PLANS FOR CEILING SPECIFICATIONS & FINISH SCHEDULE. (SEE SPECS)
3. BACKLASH BREAKROOM: DUSTLE COLOR WHEEL / LINEAR - SEE SPECS
4. DOOR NOTES- ALL FLUSH WOOD DOORS TO MOWAWK NATURAL ROTARY BIRCH FINISH TO BE SELECTED BY ARCHITECT
5. FM FRAME NOTES- TO BE PAINTED SHERWIN WILLIAMS "GRIZZLE GRAY" ALSEY ENAMEL SEMI GLOSS FINISH (SEE SPECS)
6. EXPOSED STEEL TO BE PAINTED- SHERWIN WILLIAMS WEB GRAY #7075.
7. REFER ALSO TO INTERIOR ELEVATIONS AND FINISH SCHEDULE.
8. SUBMIT PHYSICAL SAMPLES OF ALL FINISHES FOR ARCHITECTS APPROVAL PRIOR TO ORDERING.
9. SUBMIT DETAILED MILLWORK SHOP DRAWINGS FOR ARCHITECTS APPROVAL PRIOR TO FABRICATION.
10. FULL EXTENT OF FLOOR AND WALL FINISHES IS NOT SHOWN FOR CLARITY. FLOOR AND WALL FINISHES TO EXTEND UNDER SETTING APPLIANCES AND CABINETS.
11. SEE SPECIFICATIONS FOR ANY FINISHES NOT INCLUDED IN THE FINISH PLANS.

## FIRST FLOOR INTERIOR FINISH LEGEND

MARK	SYMBOL	LOCATION	COLOR AND MATERIAL	NOTES
FL-1		DETECTIVE, HALLWAY, WOMEN'S QUARTERMASTER, SERGEANT'S, RECORDS, DISPATCH, JUVENILE, VESTIBULE, INTERVIEW, LOBBY, PATROL, & INVESTIGATION.	LUXURY VINYL TILE	SEE SPECS
FL-2		BREAK ROOM, LOBBY, BOOKING	LUXURY VINYL TILE	SEE SPECS
FL-3		COMMON TOILET, MEN'S LOCKER, WOMEN'S LOCKER, MEN'S TOILET, WOMEN'S TOILET	CERAMIC TILES	SEE SPECS
FL-4		PLUMBING, EVIDENCE, ARMORY, EVIDENCE PROCESSING, JANITOR CLOSET, ELECTRICAL	SEALED CONCRETE	SEE SPECS
FL-5		TRAINING	CARPET TILES	SEE SPECS
FL-6		TRAINING	CARPET TILES	SEE SPECS
FL-7		VESTIBULE	WALK OFF MAT	SEE SPECS
FL-8		GYM	RUBBER FLOORING	SEE SPECS
FL-10		TRAINING, STAIR	RUBBER STAIR TREAD	SEE SPECS

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS

KEY PLAN

WORK AREA

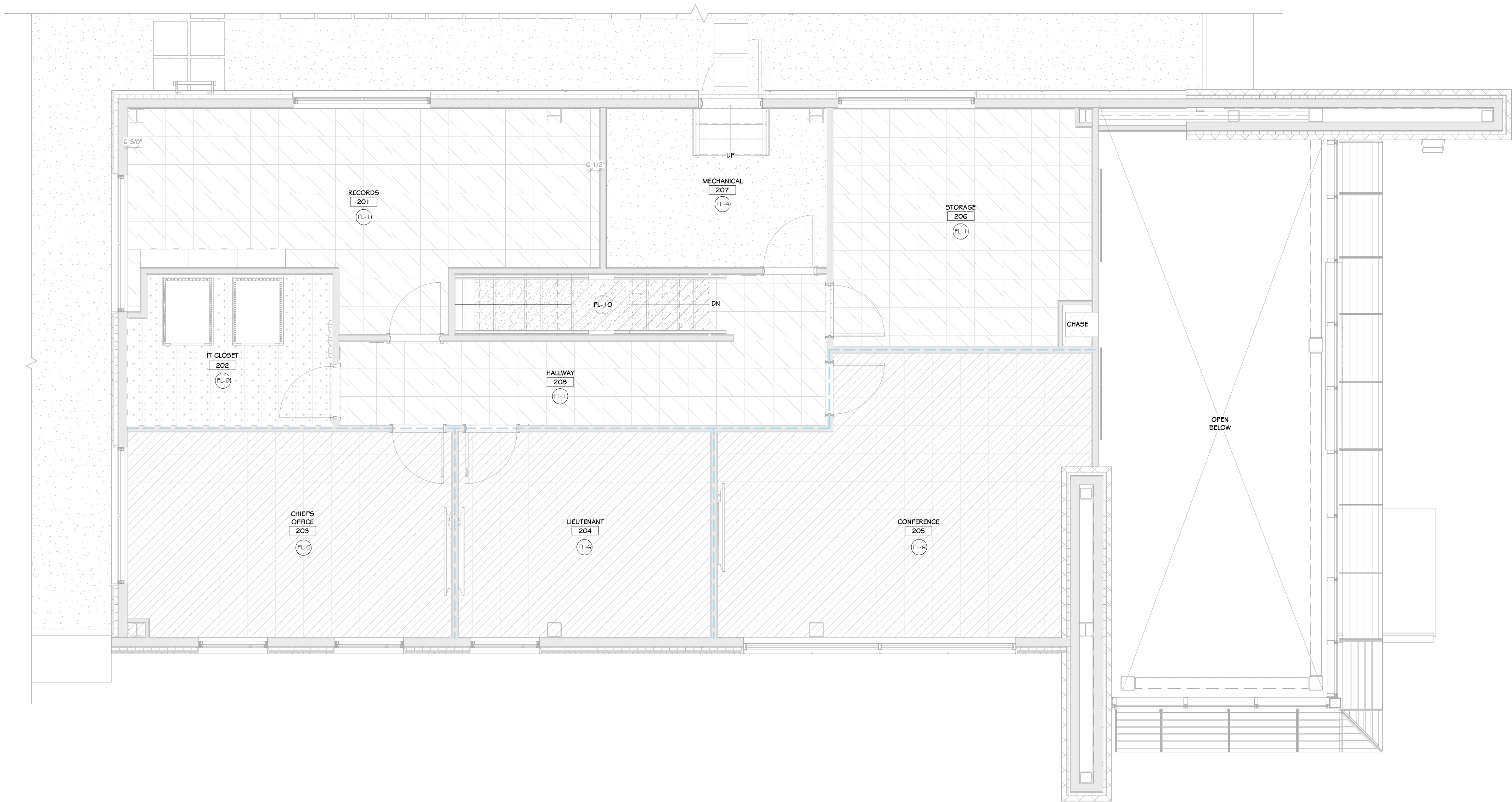
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Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: FIRST FLOOR FINISH PLAN

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-700**





1 SECOND FLOOR FINISH PLAN  
1/4" = 1'-0"

## CONSTRUCTION NOTES

1. PROVIDE SCAFFOLD BARS AT ALL FINISH MATERIAL TRANSITIONS, INCLUDING, BUT NOT LIMITED TO TILE TO CARPET, TILE TO DRY BD, CARPET TO WOOD, WOOD TO TILE, ETC.
2. SEE REFLECTED CEILING PLANS FOR CEILING SPECIFICATIONS & FINISH SCHEDULE. (SEE SPECS)
3. BACKSPLASH BREAKROOM: DUSTLE COLOR WHEEL / LINEAR - SEE SPECS
4. DOOR NOTES- ALL FLUSH WOOD DOORS TO MORAWK NATURAL ROTARY BIRCH FINISH TO BE SELECTED BY ARCHITECT
5. FM FRAME NOTES- TO BE PAINTED SHERWIN WILLIAMS "GRIZZLE GRAY" ALSEY ENAMEL SEMI GLOSS FINISH (SEE SPECS)
6. EXPOSED STEEL TO BE PAINTED- SHERWIN WILLIAMS WEB GRAY #7075.
7. REFER ALSO TO INTERIOR ELEVATIONS AND FINISH SCHEDULE.
8. SUBMIT PHYSICAL SAMPLES OF ALL FINISHES FOR ARCHITECTS APPROVAL PRIOR TO ORDERING.
9. SUBMIT DETAILED MILLWORK SHOP DRAWINGS FOR ARCHITECTS APPROVAL PRIOR TO FABRICATION.
10. FULL EXTENT OF FLOOR AND WALL FINISHES IS NOT SHOWN FOR CLARITY. FLOOR AND WALL FINISHES TO EXTEND UNDER SETTING APPLIANCES AND CABINETS.
11. SEE SPECIFICATIONS FOR ANY FINISHES NOT INCLUDED IN THE FINISH PLANS.

## SECOND FLOOR INTERIOR FINISH LEGEND

MARK	SYMBOL	LOCATION	COLOR AND MATERIAL	NOTE
FL-1		RECORDS, STORAGE, HALLWAY	LUXURY VINYL TILE	SEE SPECS
FL-4		MECHANICAL	SEALED CONCRETE	SEE SPECS
FL-6		CHIEF'S OFFICE, LIEUTENANT, CONFERENCE	CARPET TILE	SEE SPECS
FL-9		IT CLOSET	ANTI-STATIC VCT FLOOR TILES	SEE SPECS
FL-10		STAIR	RUBBER STAIR TREAD	SEE SPECS

## REVISIONS:

NUM.	DATE	DESCRIPTION

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Drawing: SECOND FLOOR FINISH PLAN

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-701**



FINISH SCHEDULE											
ROOM #	ROOM NAME	FLOOR	BASE	WALLS	CEILING	FINISH	DOOR	FRAME	CASEWORK	MISC.	NOTES
100	Vestibule	FL-7			P-1/W-4/W	GYP. BD.				ACT-2/AW P-1	Notes: 1, 2
101	Lobby	FL-1/FL-2	B-1	-5	GYP. BD.			P-4			
102	Interview	FL-1	B-2	P-1	GYP. BD.	ACT-1	WD-1	P-4			
103	Vestibule	FL-1	B-2	P-2	GYP. BD.	ACT-1		P-4			
104	Juvenile	FL-1	B-2	P-1	GYP. BD.	ACT-1	WD-1	P-4			
105	Dispatch	FL-1	B-2	P-1/P-3	GYP. BD.	ACT-1	WD-1	P-4	PLAM-2	SS-1	WT-1
106	Records	FL-1	B-2	P-1	GYP. BD.	ACT-1	WD-1	P-4			Notes: 1
107	Sergeant's Office	FL-1	B-2	P-1	GYP. BD.	ACT-1	WD-1	P-4			Notes: 1
108	Detective	FL-1	B-2	P-1	GYP. BD.	ACT-1	WD-1	P-4			
109	Detective	FL-1	B-2	P-1	GYP. BD.	ACT-1	WD-1	P-4			
110	Break Room	FL-2	B-2	P-1/P-3	GYP. BD.	ACT-1	WD-1	P-4	PLAM-2	SS-1	WT-1
111	Electrical	FL-4	B-2	P-2			Paint	P-4			Notes: 1, 3
112	Wellness/Quartermaster	FL-1	B-2	P-2	ACT	ACT-1	Paint	P-4			
113	Training	FL-5/FL-6	B-2	P-2/P-3	ACT	ACT-1	WD-1	P-4			Notes: 1, 2
115	Men's Toilet	FL-3		W-1	ACT	ACT-1	WD-1	P-4			TP-1
116	Men's Locker	FL-3		W-1	ACT	ACT-1		P-4			
117	Janitor Closet	FL-4	B-1	P-2	ACT	ACT-1	WD-1	P-4			
118	Women's Toilet	FL-3		W-1	ACT	ACT-1	WD-1	P-4	PLAM-1	SS-2	TP-1
119	Women's Locker	FL-3		W-1	ACT	ACT-1		P-4	PLAM-1	SS-2	
120	Booking	FL-2	B-2	P-1	ACT	ACT-1	Paint	P-4			
121	Gym	FL-8	B-2	P-2	ACT	ACT-1	WD-1	P-4			
122	Evidence	FL-4	B-2	P-2			Paint	P-4			Notes: 1
123	Evidence Processing	FL-4	B-2	P-2			Paint	P-4	Stainless	Stainless	
124	Armory	FL-4	B-2	P-2			Paint	P-4			
125	Plumbing	FL-4	B-2	P-2			Paint	P-4			
126	Vestibule	FL-7	B-2	P-2	ACT	ACT-1	Paint	P-4			
127	Interview	FL-1	B-2	P-1	ACT	ACT-1	Paint	P-4			WT-1
128	Investigator	FL-1	B-2	P-1	ACT	ACT-1	Paint	P-4			WT-1
129	Investigator	FL-1	B-2	P-1	ACT	ACT-1	Paint	P-4			WT-1
130	Interview	FL-1	B-2	P-1	ACT	ACT-1	Paint	P-4			
131	Hallway	FL-1	B-2	P-1	ACT	ACT-1	Paint	P-4			
132	Patrol	FL-1	B-2	P-1	ACT	ACT-1	Paint	P-4			WT-1
133	Toilet			W-1	ACT	ACT-1	Paint	P-4			
134	Toilet			W-1	ACT	ACT-1	Paint	P-4			
135	Stair		B-2	P-2	ACT	ACT-1	WD-1	P-4			
136	Hallway	FL-1	B-2	P-1	ACT	ACT-1		P-4			
137	Transfer Shower			W-1	ACT	ACT-1		P-4			
138	Shower			W-1	ACT	ACT-1		P-4			
200	Stair	FL-10	B-2	P-2	ACT	ACT-1		P-4			
201	Records	FL-1	B-2	P-2	ACT	ACT-1	WD-1	P-4			Notes: 1
202	Chief's Office	FL-6	B-2	P-2	ACT	ACT-1	WD-1	P-4			Notes: 1
203	Lieutenant	FL-6	B-2	P-2	ACT	ACT-1	WD-1	P-4			Notes: 1
204	Conference	FL-6	B-1	P-2	ACT	ACT-1	WD-1	P-4			WT-1
205	Storage	FL-1	B-2	P-2	ACT	ACT-1	WD-1	P-4			
206	IT Room	FL-9	B-2	P-2	ACT	ACT-1	WD-1	P-4			
207	Mechanical	FL-4	B-2	P-2			Paint	P-4			
208	Hallway	FL-1	B-2	P-1	ACT	ACT-1	WD-1	P-4			

FINISH SCHEDULE NOTES

- ALL EXPOSED STEEL TO BE PAINTED SW #7068 GRIZZLE GRAY.
- REFER TO FINISH PLANS FOR FLOORING INSTALLATION PATTERN.
- PROVIDE BACK SPLASH/ SIDE SPLASH AND APPLY CONTINUOUS SEALANT IN ALL LOCATIONS WHERE COUNTERTOP ABUTS WALL.
- REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES AND HEIGHTS.

FINISH SCHEDULE LEGEND

<b>FL-1 LUXURY VINYL TILE</b>	SPECIFICATION	SECTION 09 65 00
	MANUFACTURER/ DISTRIBUTOR	MILLIKEN
	STYLE	THE MAGIC HOUR
	DIMENSIONS	19.7" X 19.7" (50 cm X 50 cm)
	COLOR	ATMOSPHERE AMS68 LENS
<b>FL-2 LUXURY VINYL TILE</b>	SPECIFICATION	SECTION 09 65 00
	MANUFACTURER/ DISTRIBUTOR	MILLIKEN
	STYLE	THE MAGIC HOUR
	DIMENSIONS	19.7" X 19.7" (50 cm X 50 cm)
	COLOR	ATMOSPHERE AMS217 FILTER
<b>FL-3 24" X 24" PORCELAIN TILE</b>	SPECIFICATION	SECTION 09 30 00
	MANUFACTURER/ DISTRIBUTOR	PORCELANOSA
	STYLE	NEWPORT
	DIMENSIONS	24X24
	COLOR	NEWPORT DARK GRAY
	GROUT	LATTICRETE #45 RAVEN
<b>FL-4 SEALED CONCRETE</b>	SPECIFICATION	SECTION 03 35 11
	MANUFACTURER/ DISTRIBUTOR	PPG 2550 WB URETHANE
	STYLE	
	FINISH	STEEL TROWEL FINISH
	COLOR	CLEAR
<b>FL-5 CARPET TILE</b>	SPECIFICATION	SECTION 09 68 13
	MANUFACTURER/ DISTRIBUTOR	MILLIKEN
	STYLE	COUNTERCULTURE
	DIMENSIONS	19.7" X 19.7" (50 cm X 50 cm)
	COLOR	PHENOM PHN13-265 FIGMENT
<b>FL-6 CARPET TILE</b>	SPECIFICATION	SECTION 09 68 13
	MANUFACTURER/ DISTRIBUTOR	MILLIKEN
	STYLE	COUNTERCULTURE
	DIMENSIONS	19.7" X 19.7" (50 cm X 50 cm)
	COLOR	PHENOM PHN13-27 ATYPICAL
<b>FL-7 WALK OFF MAT</b>	SPECIFICATION	SECTION 09 68 13
	MANUFACTURER/ DISTRIBUTOR	MILLIKEN
	STYLE	OBEX CUTX / FIBER
	DIMENSIONS	19.7" X 19.7" (50 cm X 50 cm)
	COLOR	FRX118 - 119 DARK GREY
<b>FL-8 RUBBER FLOORING</b>	SPECIFICATION	SECTION 09 65 66
	MANUFACTURER/ DISTRIBUTOR	ROPPE
	STYLE	TUFLEX SPARTUS
	DIMENSIONS	27" X 37"
	COLOR	913 CHARCOAL
<b>FL-9 ANTI-STATIC VCT FLOOR TILES</b>	SPECIFICATION	SECTION 09 65 00
	MANUFACTURER/ DISTRIBUTOR	STATIC WORK
	STYLE	AMERIWORK ESD SOLID VINYL TILE
	DIMENSIONS	12"x12"
	COLOR	ROX GRAY DOLOMITE
<b>FL-10 RUBBER STAIR TREAD</b>	SPECIFICATION	SECTION 09 65 00
	MANUFACTURER/ DISTRIBUTOR	ROPPE
	STYLE	SYMMETRY
	COLOR	#5100 BLACK

<b>B-1 RUBBER WALL BASE</b>	SPECIFICATION	SECTION 09 65 00
	MANUFACTURER/ DISTRIBUTOR	JOHNSONITE
	STYLE	Mandalay
	DIMENSIONS	6"
	COLOR	40 BLACK
<b>B-2 RUBBER WALL BASE</b>	SPECIFICATION	SECTION 09 65 00
	MANUFACTURER/ DISTRIBUTOR	JOHNSONITE
	STYLE	Mandalay
	DIMENSIONS	6"
	COLOR	01 SNOW WHITE

<b>P-1 PAINT</b>	SPECIFICATION	SECTION 09 90 00
	MANUFACTURER/ DISTRIBUTOR	SHERWIN WILLIAMS
	COLOR	SW 6134 NETSUKE
	FINISH	EGGSHELL
<b>P-2 PAINT</b>	SPECIFICATION	SECTION 09 90 00
	MANUFACTURER/ DISTRIBUTOR	SHERWIN WILLIAMS
	COLOR	SW 7012 CREAMY
	FINISH	EGGSHELL

<b>P-3 PAINT</b>	SPECIFICATION	SECTION 09 90 00
	MANUFACTURER/ DISTRIBUTOR	SHERWIN WILLIAMS
	COLOR	SW 7670 GRAY SHINGLE
	FINISH	EGGSHELL
<b>P-4 PAINT</b>	SPECIFICATION	SECTION 09 90 00
	MANUFACTURER/ DISTRIBUTOR	SHERWIN WILLIAMS
	COLOR	SW 7068 GRIZZLE GRAY
	FINISH	SEMI- GLOSS

<b>W-1 GLAZED CERAMIC WALL TILE</b>	SPECIFICATION	SECTION 09 30 00
	MANUFACTURER/ DISTRIBUTOR	DALTILE
	STYLE	LINEAR
	DIMENSIONS	4" X 12"
	COLOR	ARCTIC WHITE 0190
	INSTALLATION	SUBWAY
	GROUT	LATICRETE 78 STERLING SILVER

<b>W-2 ACM-1</b>	SPECIFICATION	SECTION 07 42 13.23
	MANUFACTURER/ DISTRIBUTOR	ALUCOBOND PLUS
	STYLE	THE CLASSIC COLLECTION
	COLOR	AZURE BLUE

<b>W-3 ALUM-1</b>	SPECIFICATION	SECTION 07 42 13
	MANUFACTURER/ DISTRIBUTOR	LONGBOARD ARCHITECTURAL PRODUCTS
	STYLE	TONGUE & GROOVE CLADDING
	DIMENSIONS	6"
	COLOR	DARK CHERRY

<b>W-4 CMU VENEER-1</b>	SPECIFICATION	SECTION 04 73 00
	MANUFACTURER/ DISTRIBUTOR	ECHELON MASONRY / SPEC MIX
	STYLE	CORDOVA STONE
	DIMENSIONS	4"x24"
	COLOR	MIDNIGHT CHISEL
	MORTAR	SM770 SABLE

<b>W-5 CMU VENEER-2</b>	SPECIFICATION	SECTION 04 73 00
	MANUFACTURER/ DISTRIBUTOR	ECHELON MASONRY / SPEC MIX
	STYLE	CORDOVA STONE
	DIMENSIONS	8"x24"
	COLOR	GRANITE CHISEL
	MORTAR	SM770 SABLE

<b>ACT-1 ACOUSTIC CEILING TILE</b>	SPECIFICATION	SECTION 09 51 00
	MANUFACTURER/ DISTRIBUTOR	ARMSTRONG
	STYLE	ULTIMA BEVELED TEGULAR
	DIMENSIONS	24" X 24"
	COLOR	WHITE
	SUSPENSION	PRELUDE XL 9/16"

<b>ACT-2 ACOUSTICAL VERTICAL PANEL</b>	SPECIFICATION	SECTION 09 84 30
	MANUFACTURER/ DISTRIBUTOR	ARMSTRONG
	STYLE	SOUNDSCAPES
	DIMENSIONS	10.5"x46"x2"
	COLOR	OCEAN
	SUSPENSION	CABLE SUSPENSION

<b>PLAM-1 HIGH PRESSURE LAMINATE</b>	SPECIFICATION	SECTION 06 41 00
	MANUFACTURER/ DISTRIBUTOR	WILSONART
	COLOR	PARTICO TEAK 8210K-28
	FINISH	GLOSS LINE FINISH
	GRAIN DIRECTION	VERTICAL

<b>PLAM-2 HIGH PRESSURE LAMINATE</b>	SPECIFICATION	SECTION 06 41 00
	MANUFACTURER/ DISTRIBUTOR	WILSONART
	COLOR	FIELD ELM 7999K-12
	FINISH	SOFTGRAIN FINISH
	GRAIN DIRECTION	VERTICAL

<b>SS-1 SOLID SURFACE COUNTERTOP</b>	SPECIFICATION	SECTION 12 36 00
	MANUFACTURER/ DISTRIBUTOR	CAMBRIA
	TYPE	QUARTZ
	COLOR	NEWPORT MATE
	FINISH	MATTE
	EDGE	EASED

<b>SS-2 SOLID SURFACE COUNTERTOP</b>	SPECIFICATION	SECTION 12 36 00
	MANUFACTURER/ DISTRIBUTOR	CORIAN
	TYPE	QUARTZ
	COLOR	GRIGIONE
	FINISH	MATTE
	EDGE	EASED

<b>WT-1 WINDOW TREATMENT</b>	SPECIFICATION	SECTION 12 24 00
	MANUFACTURER/ DISTRIBUTOR	DRAPER, INC.
	STYLE	DOUBLE ROLLER SHADES
	COLOR	TBD

<b>AWP-1 ACOUSTIC WALL PANEL</b>	SPECIFICATION	SECTION 09 84 30
	MANUFACTURER/ DISTRIBUTOR	ARKTURA
	PRODUCT	SOFT SCREEN
	STYLE	SLANT
	COLOR	HEATHER GRAY

<b>TP-1 TOILET PARTITION</b>	SPECIFICATION	SECTION 10 21 13.17
	MANUFACTURER/ DISTRIBUTOR	ASI GLOBAL PARTITION
	TYPE	PHENOLIC TOILET PARTITION
	STYLE	ALPACO CLASSIC
	COLOR	#3020 GRAPHITE GRAFIX

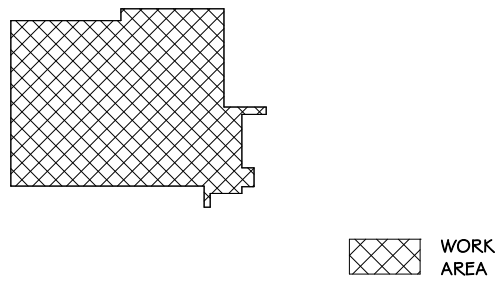
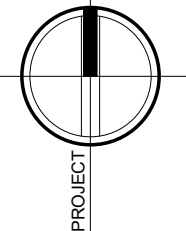
<b>WD-1 WOOD DOOR VENEER</b>	SPECIFICATION	SECTION 08 14 16
	MANUFACTURER/ DISTRIBUTOR	LAMBTON DOORS
	STYLE	SLICED WHITE BIRCH
	COLOR	PLS INDONESIA TEAK

CONSTRUCTION NOTES

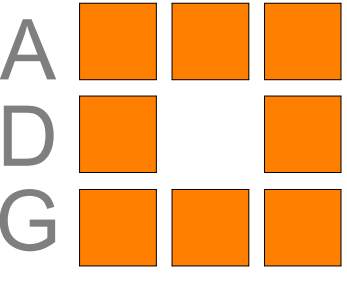
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KEY PLAN



ADG ARCHITECTS

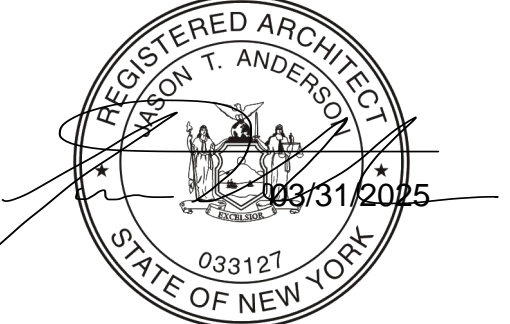
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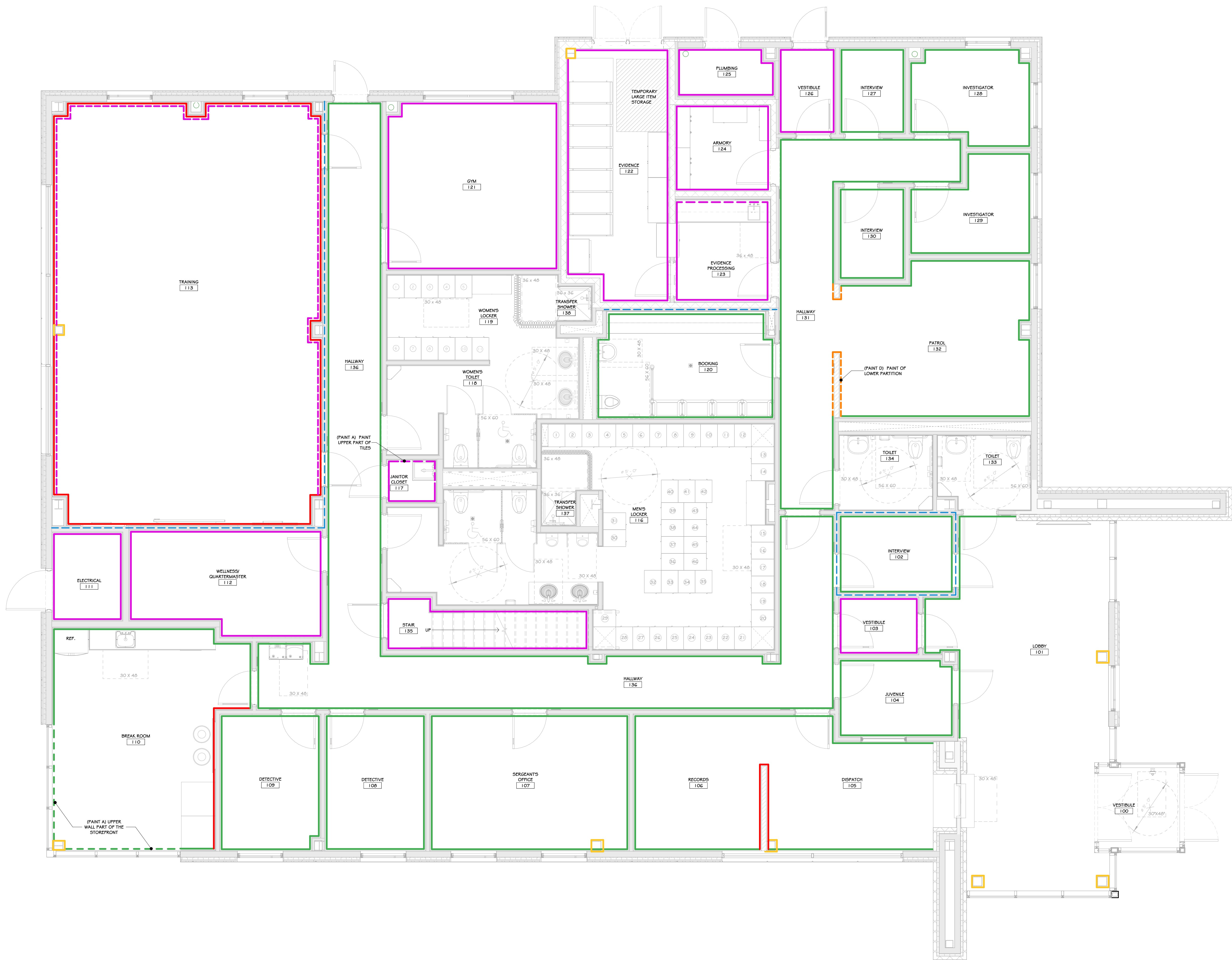
Drawing: FINSH SCHEDULE



Project: 23138 Date: 02/14/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-702





1 FIRST FLOOR PAINT PLAN  
1/4" = 1'-0"

## CONSTRUCTION NOTES

### PAINT SCHEDULE

COLOR	DESCRIPTION
A	SW #6134 NETSUE
B	SW #7012 CREAMY
C	SW #7670 GRAY SHINGLE
D	SW #706A GRIZZLE GRAY (DOOR FRAMES, EXPOSED STEEL, ETC.)

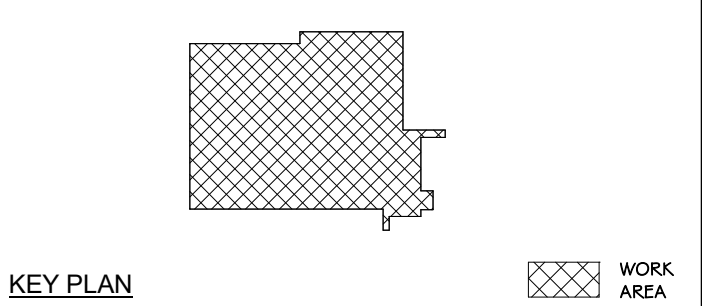
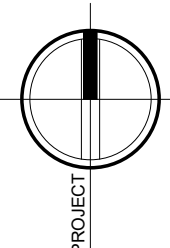
LEGEND:  
- - - DASHED LINES INDICATE THE SOFFIT, FASCIA AND HIGH WALL ABOVE, UNLESS OTHERWISE NOTED.

NOTES:  
1. NOTE: 5' X 5' SAMPLE WALL TO BE PAINTED FOR EACH COLOR, TO BE APPROVED BY ARCHITECT & OWNER PRIOR TO PURCHASE OF PAINTED FOR FULL PROJECT.  
2. DOOR NOTES: ALL FLUSH WOOD DOORS TO BE DARK BROWN ROTARY NATURAL BRCH. FINISH TO BE SELECTED BY ARCHITECT.  
3. FM FRAME NOTES ON - TO BE PAINTED SHERWIN WILLIAMS GRIZZLE GRAY ALKEY ENAMEL SEMI GLOSS FINISH.  
STEEL DOOR NOTE.

### REVISIONS:

NUM.	DATE	DESCRIPTION

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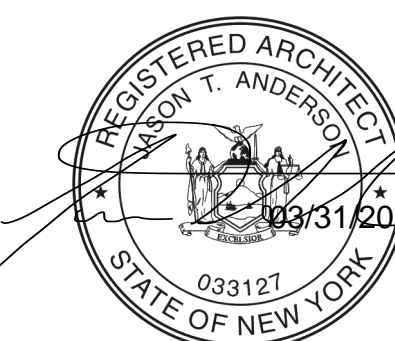


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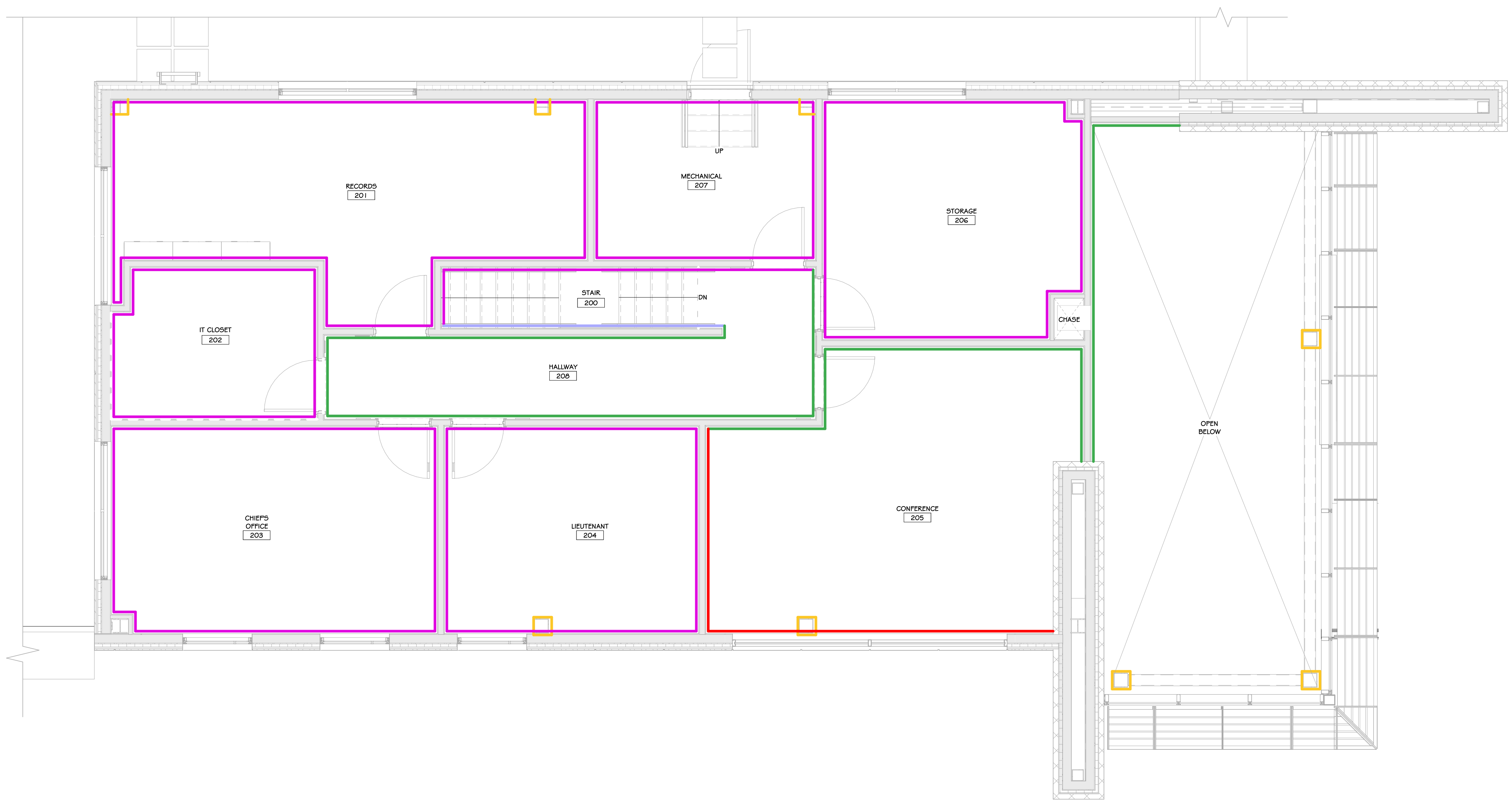
Drawing: FIRST FLOOR PAINT PLAN



Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-703





1 SECOND FLOOR PAINT PLAN  
1/4" = 1'-0"

## CONSTRUCTION NOTES

## PAINT SCHEDULE

COLOR	DESCRIPTION
<span style="color: green;">■</span>	A SW #6134 NETSUE
<span style="color: magenta;">■</span>	B SW #7012 CREAMY
<span style="color: red;">■</span>	C SW #7670 GRAY SHINGLE
<span style="color: yellow;">■</span>	D SW #706A GRIZZLE GRAY (DOOR FRAMES, EXPOSED STEEL, ETC.)

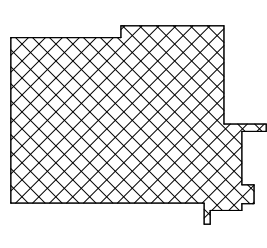
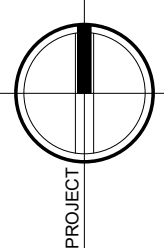
LEGEND:  
- - - DASHED LINES INDICATE THE SOFFIT, FASCIA AND HIGH WALL ABOVE, UNLESS OTHERWISE NOTED.

NOTES:  
1. NOTE: 5' X 5' SAMPLE WALL TO BE PAINTED FOR EACH COLOR, TO BE APPROVED BY ARCHITECT & OWNER PRIOR TO PURCHASE OF PAINTED FOR FULL PROJECT.  
2. DOOR NOTES: ALL FLUSH WOOD DOORS TO BE DARK BROWN ROTARY NATURAL BIRCH FINISH TO BE SELECTED BY ARCHITECT.  
3. HM FRAME NOTES ON - TO BE PAINTED SHERWIN WILLIAMS GRIZZLE GRAY ALKID ENAMEL SEMI GLOSS FINISH.  
STEEL DOOR NOTE:

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS



KEY PLAN

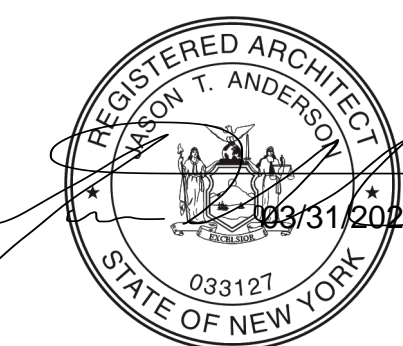


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Drawing: SECOND FLOOR PAINT PLAN

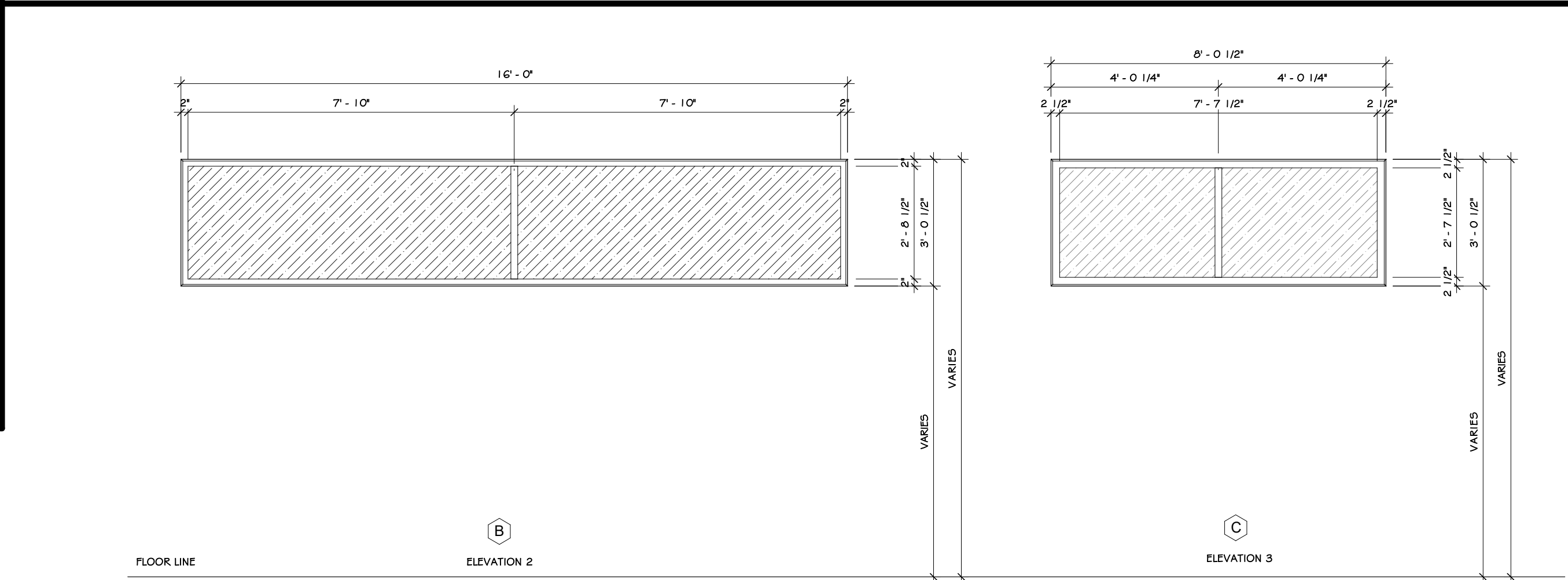
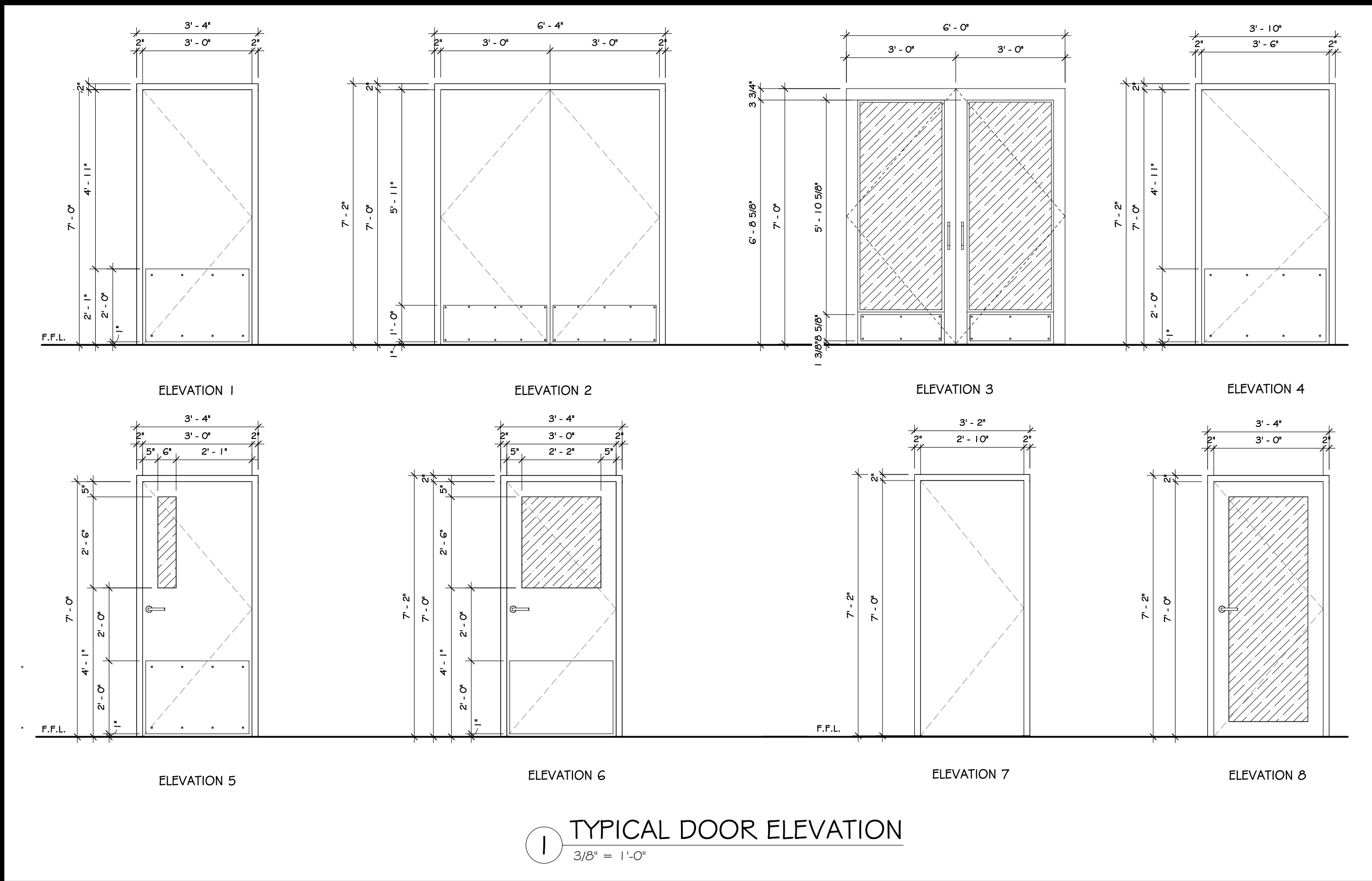


Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

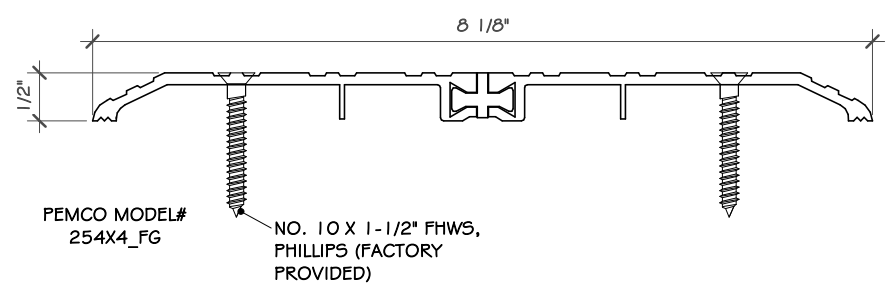
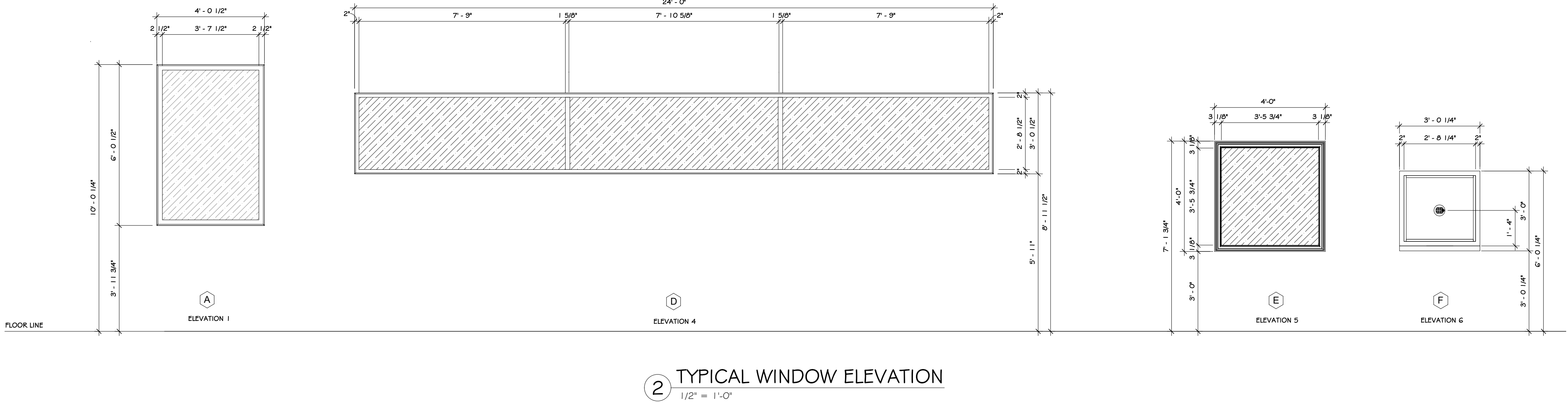
A-704



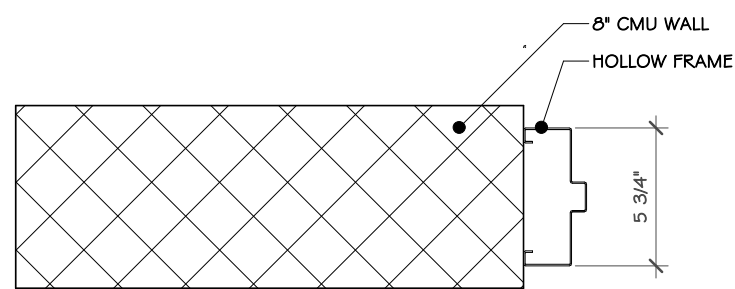
Project: Town of Montgomery Police Stations, #23138																			
Location								Nominal Size				Door Slab							Remarks
Mark	From	#	To	#	Width	Height	Hand	Label	STC	Mat'l	Finish	Mat'l	Thickness	Finish	HDW Set	Mark			
S100	Vestibule	100	Exterior	-	6'-0"	7'-0"									01	S100	See Sections 08 43 13 and 08 44 13		
S100-1	Vestibule	100	Lobby	101	6'-0"	7'-0"									01	S100-1	See Sections 08 43 13 and 08 44 13		
102	Interview	102	Lobby	101	3'-0"	7'-0"	LHR		56	HM	Paint	WD	1-3/4"	FF	06	102	See Sections 08 34 73		
102-1	Interview	102	Hallway	136	3'-0"	7'-0"	RH	45 min	56	HM	Paint	WD	1-3/4"	FF	07	102-1	See Sections 08 34 73		
103	Corridor	103	Lobby	101	3'-0"	7'-0"	LHR			HM	Paint	WD	1-3/4"	FF	14	103	See Sections 08 14 16		
103-1	Corridor	103	Hallway	136	3'-0"	7'-0"	RH	45 min		HM	Paint	WD	1-3/4"	FF	15	103-1	See Sections 08 14 16		
104	Juvenile	104	Lobby	101	3'-0"	7'-0"	LHR		56	HM	Paint	WD	1-3/4"	FF	06	104	See Sections 08 34 73		
104-1	Juvenile	104	Hallway	136	3'-0"	7'-0"	LH	45 min	56	HM	Paint	WD	1-3/4"	FF	07	104-1	See Sections 08 34 73		
105	Dispatch	105	Hallway	136	3'-0"	7'-0"	LH	45 min		HM	Paint	WD	1-3/4"	FF	08	105	See Sections 08 14 16		
107	Sergeants Office	107	Hallway	136	3'-0"	7'-0"	RH	45 min		HM	Paint	WD	1-3/4"	FF	09	107	See Sections 08 14 16		
108	Detective	108	Hallway	136	3'-0"	7'-0"	RH	45 min		HM	Paint	WD	1-3/4"	FF	07	108	See Sections 08 14 16		
109	Detective	109	Hallway	136	3'-0"	7'-0"	LH	45 min		HM	Paint	WD	1-3/4"	FF	07	109	See Sections 08 14 16		
110	Breakroom	110	Hallway	136	3'-0"	7'-0"	LH	45 min		HM	Paint	WD	1-3/4"	FF	05	110	See Sections 08 14 16		
111	Electrical	111	Exterior	-	3'-6"	7'-0"	RHR			HM	Paint	HM	1-3/4"	Paint	16	111			
112	Wellness / Quartermaster	112	Hallway	136	3'-0"	7'-0"	RH	45 min		HM	Paint	WD	1-3/4"	FF	08	112	Solid door; no vision lite; See Section 08 14 16		
113	Training	113	Hallway	136	3'-0"	7'-0"	LHR	45 min	37	HM	Paint	WD	1-3/4"	FF	06	113	See Sections 08 14 16		
113-1	Training	113	Hallway	136	3'-0"	7'-0"	LHR	45 min	37	HM	Paint	WD	1-3/4"	FF	06	113-1	See Sections 08 14 16		
115	Mens Toilet	115	Hallway	136	3'-0"	7'-0"	LH	45 min		HM	Paint	WD	1-3/4"	FF	04	115	See Sections 08 14 16		
117	Janitor Closet	117	Hallway	136	3'-0"	7'-0"	RHR	45 min		HM	Paint	WD	1-3/4"	FF	19	117	See Sections 08 14 16		
118	Womens Toilet	118	Hallway	136	3'-0"	7'-0"	RH	45 min		HM	Paint	WD	1-3/4"	FF	04	118	See Sections 08 14 16		
120	Booking	120	Hallway	131	3'-0"	7'-0"	LH	45 min	56	HM	Paint	HM	1-3/4"	Paint	07	120	See Sections 08 34 73		
121	Gym	118	Hallway	136	3'-0"	7'-0"	RH	45 min		HM	Paint	WD	1-3/4"	FF	07	121			
122	Evidence	123	Evidence Processing	123	3'-0"	7'-0"	LH	90 min		HM	Paint	HM	1-3/4"	Paint	10	122			
122-1	Evidence	122	Exterior	-	6'-0"	7'-0"	RHRA	90 min		HM	Paint	HM	1-3/4"	Paint	17	122-1			
123	Evidence Processing	123	Hallway	131	3'-0"	7'-0"	LH	90 min		HM	Paint	HM	1-3/4"	Paint	11	123			
124	Armory	124	Hallway	131	3'-0"	7'-0"	LH	90 min		HM	Paint	HM	1-3/4"	Paint	11	124			
125	Plumbing	125	Exterior	-	3'-0"	7'-0"	RHR			HM	Paint	HM	1-3/4"	Paint	18	125			
126	Vestibule	126	Exterior	-	3'-0"	7'-0"	LHR			HM	Paint	HM	1-3/4"	Paint	18	126			
127	Interview	127	Hallway	131	3'-0"	7'-0"	LH		56	HM	Paint	HM	1-3/4"	Paint	07	127	See Sections 08 34 73		
128	Investigator	128	Hallway	131	3'-0"	7'-0"	LH			HM	Paint	HM	1-3/4"	Paint	07	128			
129	Investigator	129	Hallway	131	3'-0"	7'-0"	RH			HM	Paint	HM	1-3/4"	Paint	07	129			
130	Interview	130	Hallway	131	3'-0"	7'-0"	RH			HM	Paint	HM	1-3/4"	Paint	07	130			
131	Hallway	131	Vestibule	126	3'-0"	7'-0"	LHR			HM	Paint	HM	1-3/4"	Paint	13	131			
133	Toilet	133	Lobby	101	3'-0"	7'-0"	LH			HM	Paint	WD	1-3/4"	FF	02	133	See Sections 08 14 16		
134	Toilet	134	Hallway	131	3'-0"	7'-0"	RH			HM	Paint	HM	1-3/4"	Paint	03	134			
135	Stair	135	Hallway	136	3'-0"	7'-0"	LHR	45 min		HM	Paint	WD	1-3/4"	FF	06	135	See Sections 08 14 16		
136	Hallway	136	Exterior	-	3'-0"	7'-0"	RHR			HM	Paint	HM	1-3/4"	Paint	18	136			
136-1	Hallway	136	Hallway	131	3'-0"	7'-0"	RH	45 min		HM	Paint	WD	1-3/4"	FF	07	136-1	See Sections 08 14 16		
Second Floor																			
201	Records	201	Hallway	208	3'-0"	7'-0"	LH			HM	Paint	WD	1-3/4"	FF	07	201	See Sections 08 14 16		
202	IT Closet	209	Hallway	208	3'-0"	7'-0"	LH			HM	Paint	WD	1-3/4"	FF	07	202	See Sections 08 14 16		
203	Chiefs Office	203	Hallway	208	3'-0"	7'-0"	LH			HM	Paint	WD	1-3/4"	FF	07	203	See Sections 08 14 16		
204	Lieutenant	204	Hallway	208	3'-0"	7'-0"	RH			HM	Paint	WD	1-3/4"	FF	07	204	See Sections 08 14 16		
205	Conference	205	Hallway	208	3'-0"	7'-0"	LH			HM	Paint	WD	1-3/4"	FF	07	205	See Sections 08 14 16		
206	Storage	206	Hallway	208	3'-0"	7'-0"	RH			HM	Paint	WD	1-3/4"	FF	07	206	See Sections 08 14 16		
207	Mechanical	207	Hallway	208	3'-0"	7'-0"	RH			HM	Paint	WD	1-3/4"	FF	07	207	See Sections 08 14 16		
207-1	Mechanical	207	Exterior	-	3'-0"	7'-0"	LHR			HM	Paint	HM	1-3/4"	Paint	18	207-1			
																0			
																0			
																0			



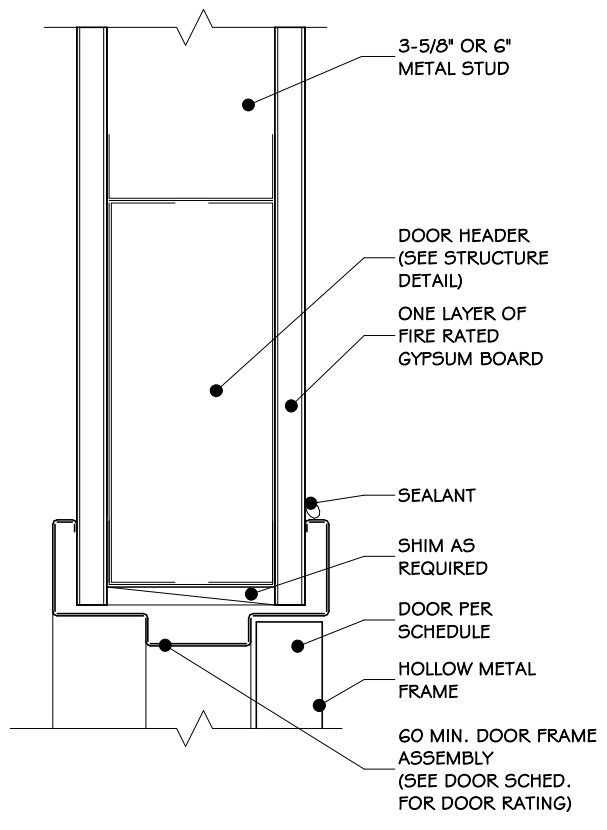
WINDOW SCHEDULE				
MARK	ELEVATION	WIDTH	HEIGHT	QTY.
A	1	4'-0 1/2"	6'-0 1/2"	14
B	2	16'-0"	3'-0 1/2"	2
C	3	6'-0 1/2"	3'-0 1/2"	5
D	4	24'-0"	3'-0 1/2"	1
E	5	4'-0"	4'-0"	1
F	6	3'-0 1/4"	3'-0"	1



3 THERMAL BARRIER SADDLE  
1/2" = 1'-0"



4 MTL. JAMB W-CMU DETAIL  
1/2" = 1'-0"



5 METAL DOOR HEAD DETAIL  
1/2" = 1'-0"

## CONSTRUCTION NOTES

- ALL SIZES TO BE VERIFIED IN FIELD WITH FRAMING.
- ALL THRESHOLDS SHALL BE ALUMINUM.
- ALL WEATHER STOPPING SHALL BE ALUMINUM.
- ALL KICKPLATES SHALL BE STAINLESS STEEL.
- ALL SETS MAY NOT BE USED IN THIS PROJECT.
- ALL DOOR HARDWARE TO BE SAME STYLE - SUBMIT TO ARCHITECT FOR APPROVAL.
- DOOR PROVIDER TO COORDINATE KEYING WITH OWNER/THROUGH ARCHITECT.
- FURNISH KEYS FOR EACH LOCK.
- FURNISH MASTER KEYS.
- ALL LOCKS TO HAVE HOLD-OPEN FEATURE.
- DOOR AND HARDWARE SHOP DRAWINGS ARE TO BE SUBMITTED TO THE ARCHITECT ONLY AFTER GENERAL CONTRACTOR HAS RECEIVED THEM AND CONFIRMED THAT ALL SIZES WORK WITH KNOG OPENINGS FRAMED IN THE FIELD. SUBMITTED SHOP DRAWINGS MUST CONTAIN APPROVAL SIGNATURE FROM GENERAL CONTRACTOR PRIOR TO SUBMISSION TO ARCHITECT.

## ABBREVIATIONS

DOOR CORE:		FRAME CONSTRUCTION:	
FFC -	PARTICLE CORE	KD -	KNOCK DOWN
HC -	HONEYCOMB	FFW -	FULL FACE WELD
POLY -	POLYURETHANE FOAM	FF -	PRE-FINISHED
SOLID -	SOLID WOOD		
DOOR EDGE:		ANCHOR TYPE:	
HDWD -	MATCHING HARDWOOD STILES	MS -	METAL STUD
		MRY -	MASONRY CMU
		WS -	WOOD STUD
		AS -	ALUMINUM STOREFRONT
		STLCHN -	STEEL CHANNEL
FINISHES:		LABEL:	
PT -	PAINTED	AW -	3 HOUR "A"
STN -	STAINED	BW -	1 1/2 HOUR "B"
B.A -	BRONZED ANNOZIDED	CW -	3/4 HOUR "C"
MILL -	MILL FINISH BRUSHED		
MATERIALS:		DESIGNATIONS:	
AGO -	GALVANNEAL STEEL	BA -	BRONZED ANNOZIDED
HM -	HOLLOW METAL	INT -	INTERIOR, OR INTERIOR MOUNT
SL -	PREMIUM PLAIN SLICED (TYPE TO BE DETERMINED)	EXT -	EXTERIOR OR EXTERIOR MOUNT
WD -	WOOD	PV -	PIVOT HINGE
AL -	ANODIZED ALUMINUM	SL -	SLIM LINE
ALM -	ANODIZED ALUMINUM	WS -	WALL STOP
BAL -	BRUSHED ALUMINUM	FS -	FLOOR STOP
		WSTP -	WEATHER STRIP
		INTNL -	INTERNAL CONCEALED IN HEAD
		HD -	HEAVY DUTY

## REVISIONS:

NUM.	DATE	DESCRIPTION

## 100% BID DOCUMENTS

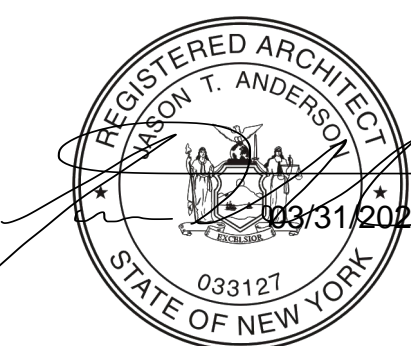
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106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: DOORS & WINDOW SCHEDULE



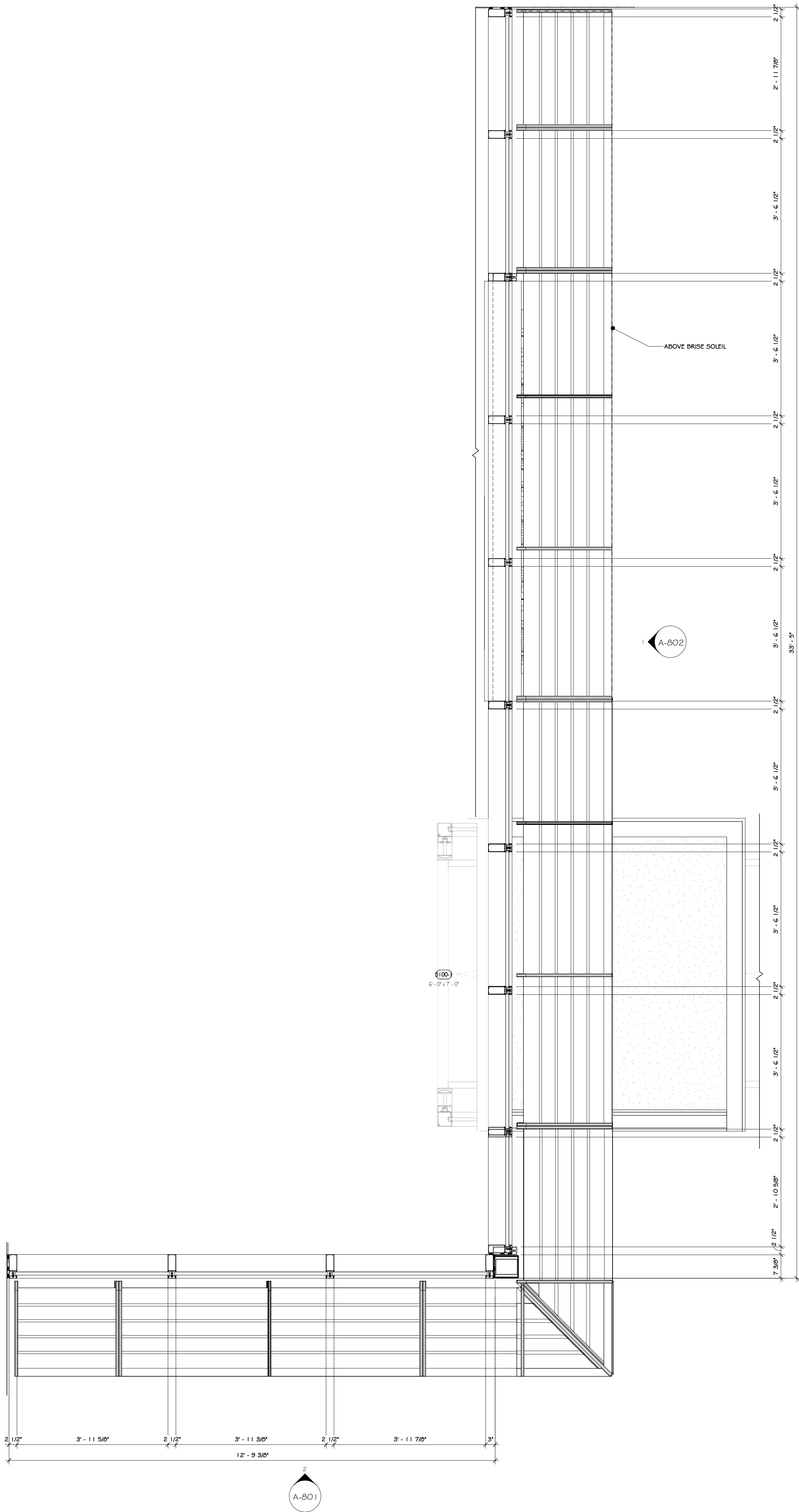
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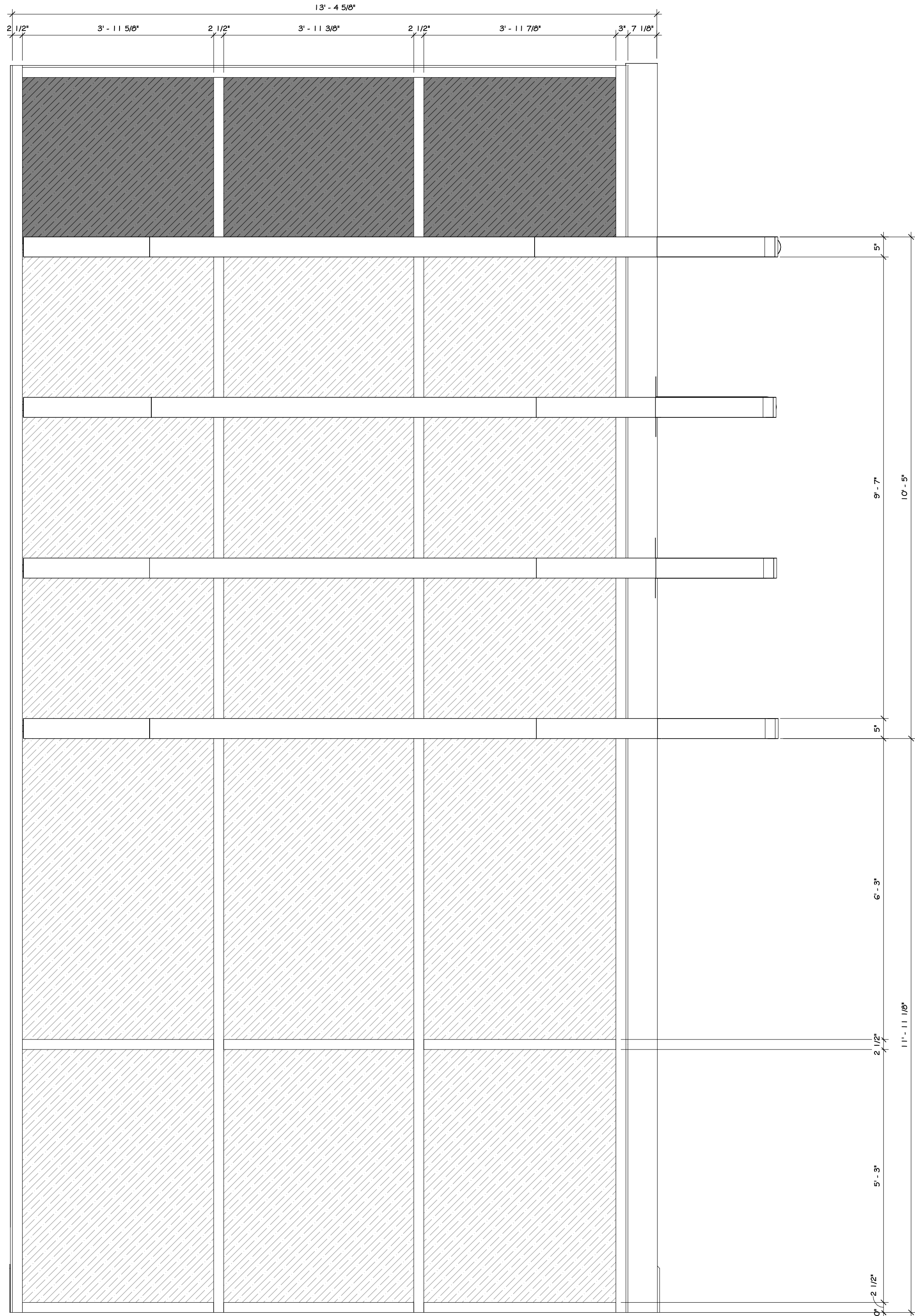
A-800





1 CURTAIN WALL ENLARGED PLAN @ LOBBY

1 : 20



2 CURTAIN WALL ELEVATION-A @ LOBBY

1 : 20

### CONSTRUCTION NOTES

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6. ALL DOOR INDOORWARE TO BE SAME STYLE - SUBMIT TO ARCHITECT FOR APPROVAL.
7. DOOR PROVIDER TO COORDINATE KEYING WITH OWNER/THROUGH ARCHITECT.
8. FURNISH KEYS FOR EACH LOCK.
9. FURNISH MASTER KEYS.
10. LABEL ALL SETS WITH SELF-LOCKING CLIPS, BY ROOM NUMBER.
11. ALL CLOSERS TO HAVE HOLD-OPEN FEATURE.
12. DOOR AND HARDWARE SHOP DRAWINGS ARE TO BE SUBMITTED TO THE ARCHITECT ONLY AFTER GENERAL CONTRACTOR HAS RECEIVED THEM AND CONFIRMED THAT ALL SIZES WORK WITH ROUGH OPENINGS FRAMED IN THE FIELD. SUBMITTED SHOP DRAWINGS MUST CONTAIN APPROVAL SIGNATURE FROM GENERAL CONTRACTOR PRIOR TO SUBMISSION TO ARCHITECT.

### REVISIONS:

NUM.	DATE	DESCRIPTION

### 100% BID DOCUMENTS

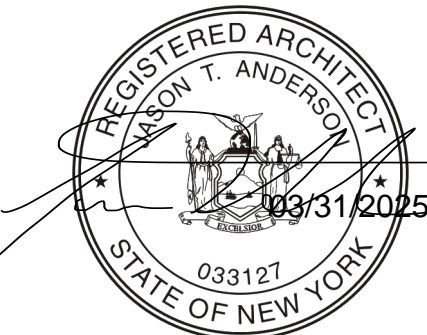


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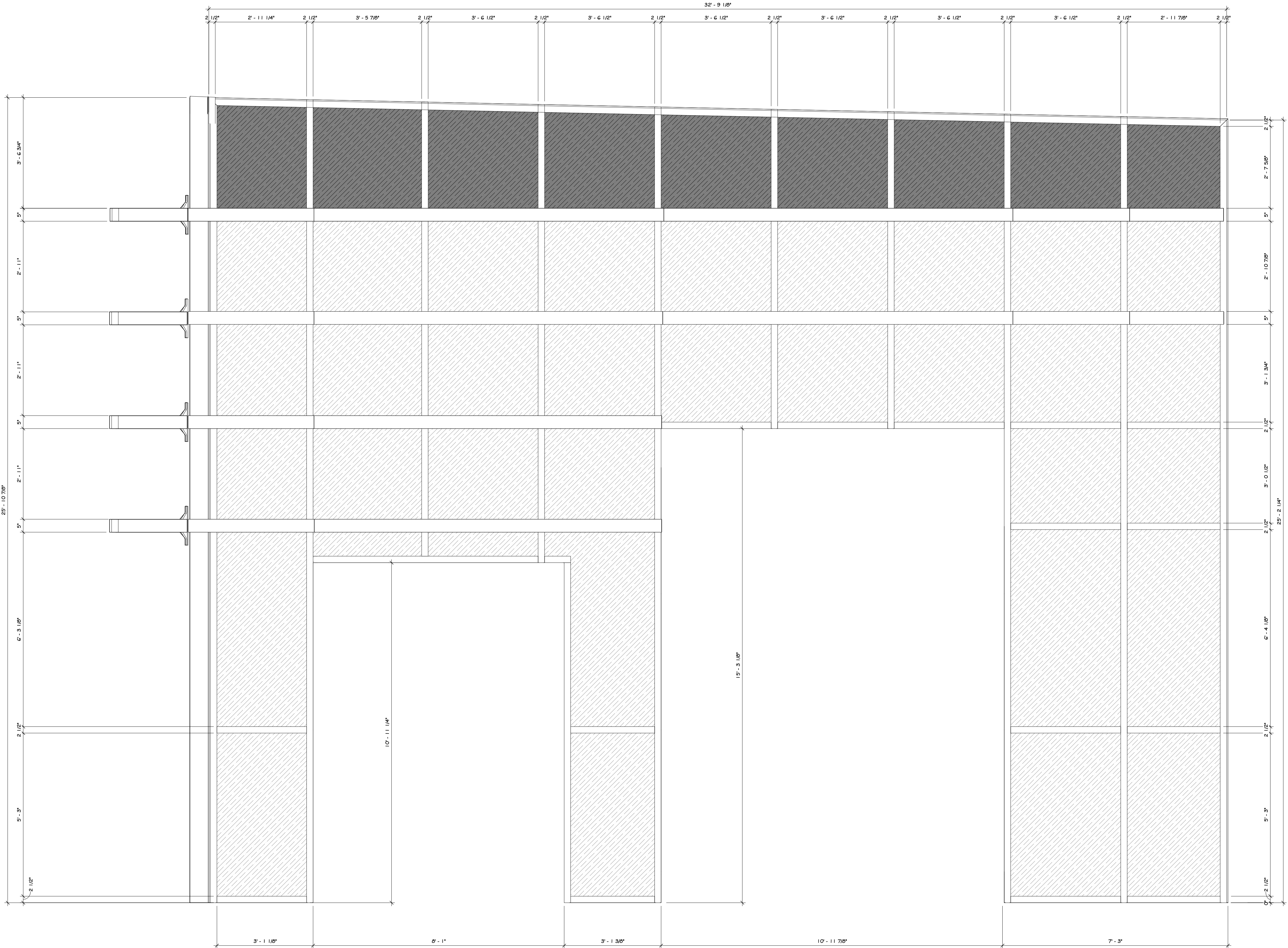
Drawing: STOREFRONT SCHEDULE



Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-801





1 CURTAIN WALL ELEVATION-B @ LOBBY  
1 : 20

CONSTRUCTION NOTES

1. ALL SIZES TO BE VERIFIED IN FIELD WITH FRAMING.
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4. ALL KICKPLATES SHALL BE STAINLESS STEEL.
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8. FURNISH KEYS FOR EACH LOCK.
9. FURNISH MASTER KEYS.
10. LABEL ALL SETS WITH SELF-LOCKING CLIPS, BY ROOM NUMBER.
11. ALL CLOSERS TO HAVE HOLD-OPEN FEATURE.
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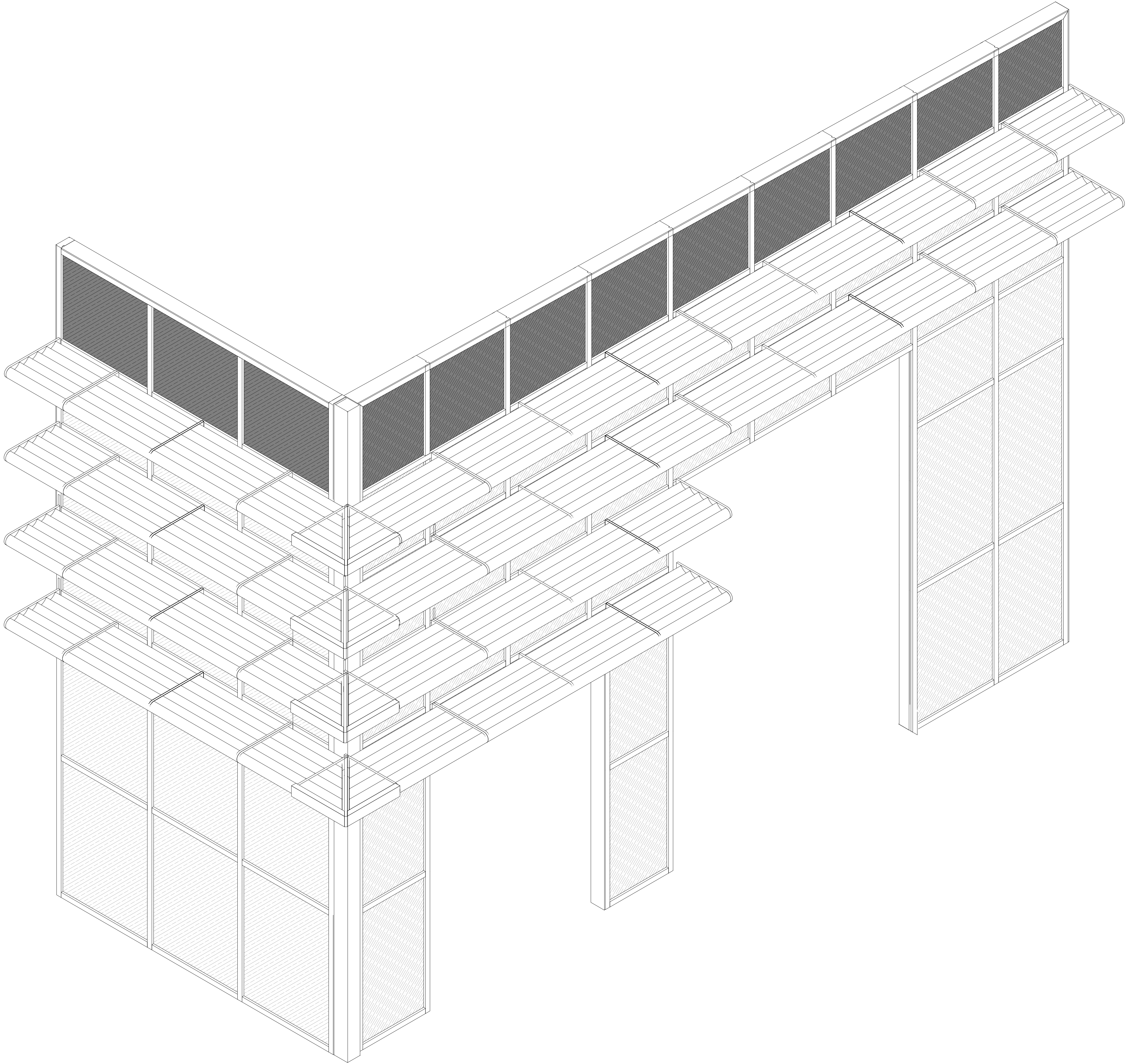
Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

Drawing: STOREFRONT SCHEDULE

REGISTERED ARCHITECT  
JASON T. ANDERSON  
033127  
STATE OF NEW YORK

Project: 23138  
Date: 02/24/25  
Drawn: IDEA  
Scale: AS NOTED  
Drawing Number:  
A-802





3D VIEW @ STOREFRONT LOBBY

CONSTRUCTION NOTES

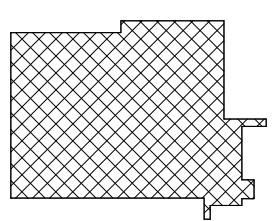
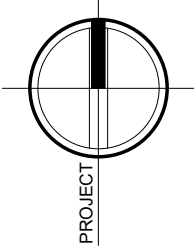
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REVISIONS:

NUM.	DATE	DESCRIPTION

100%

BID DOCUMENTS



KEY PLAN

WORK AREA



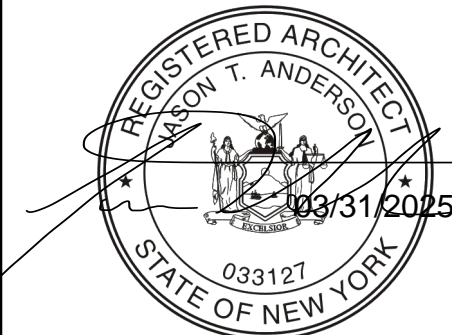
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Drawing: STOREFRONT SCHEDULE



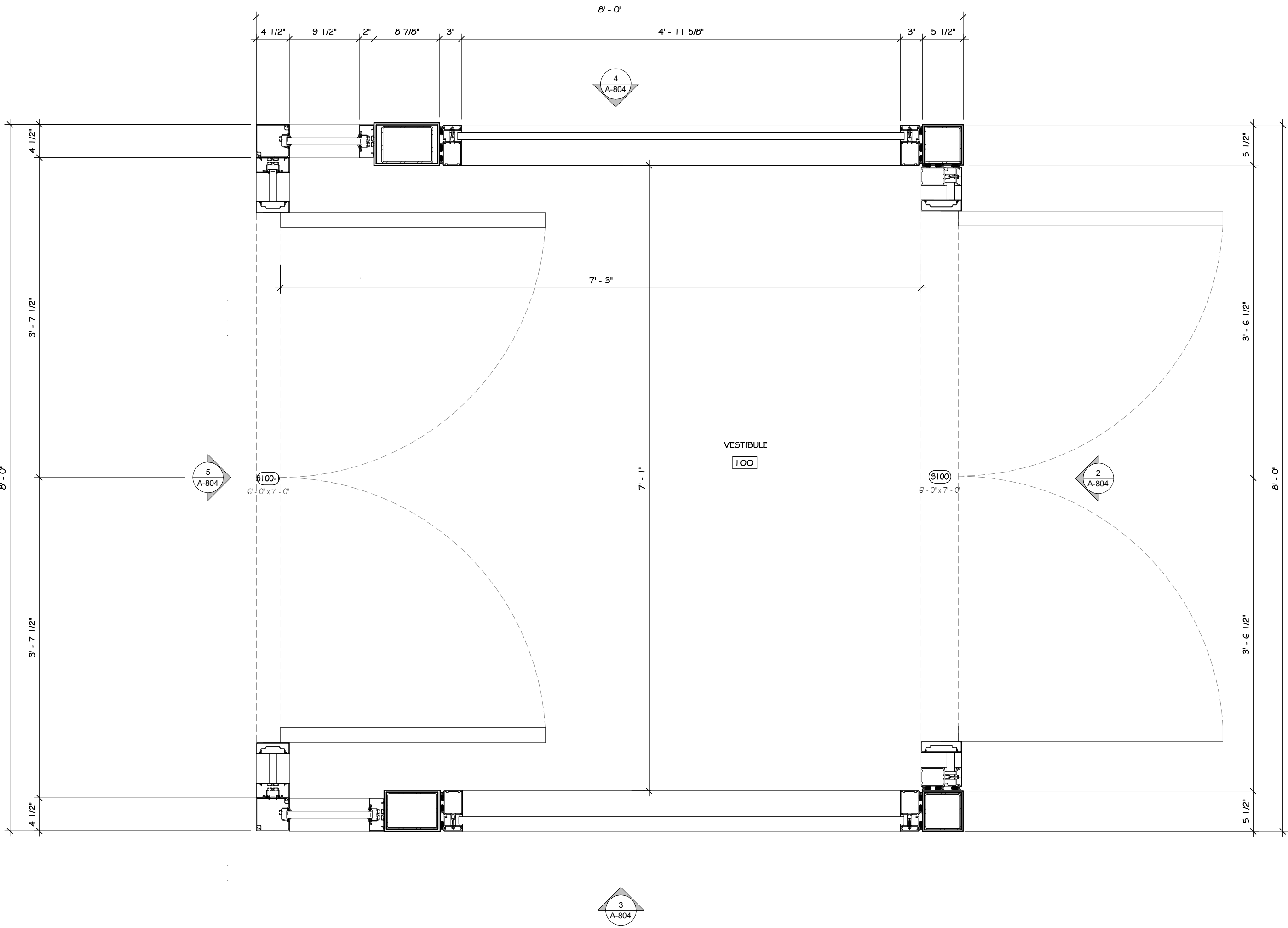
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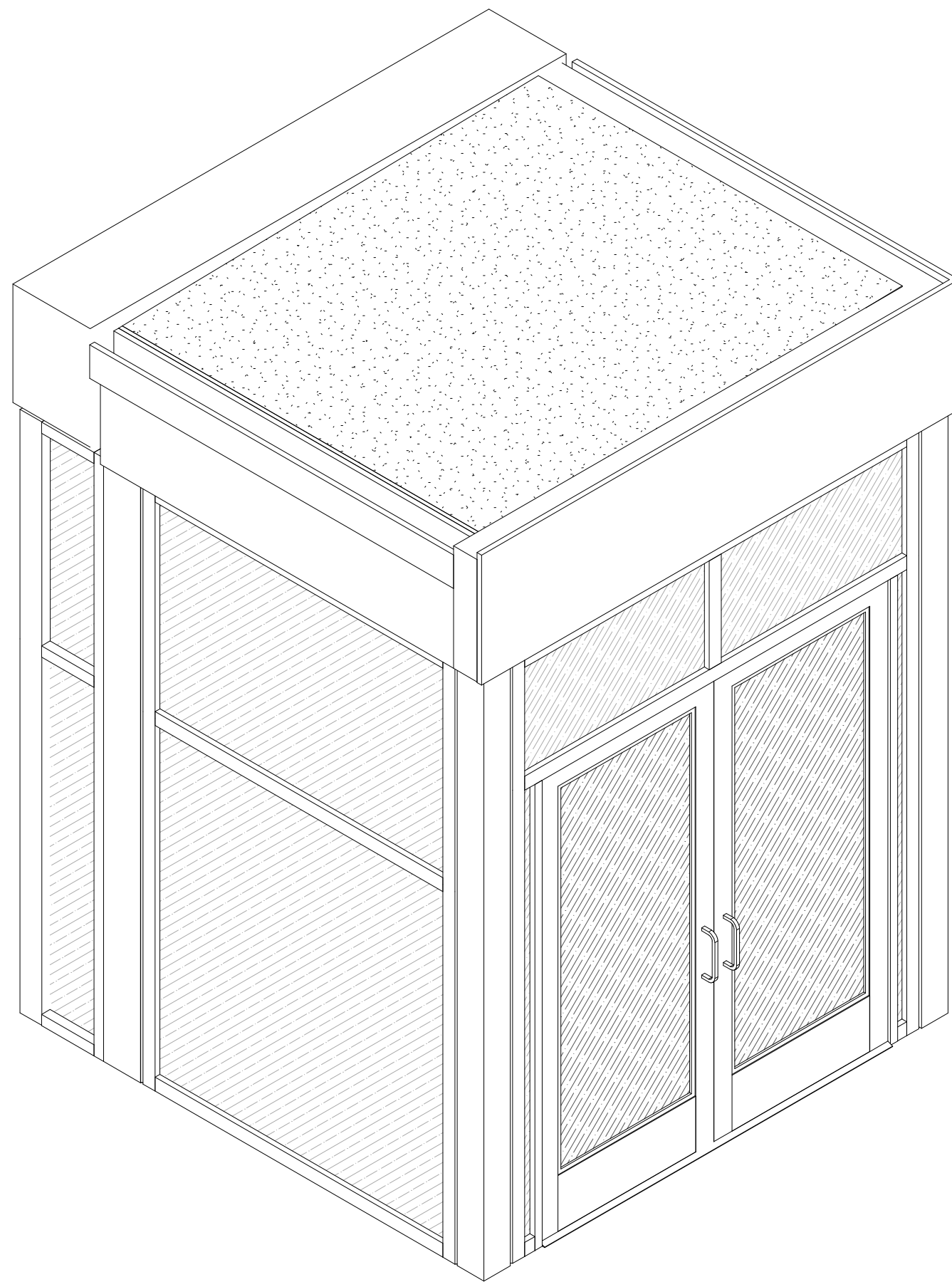
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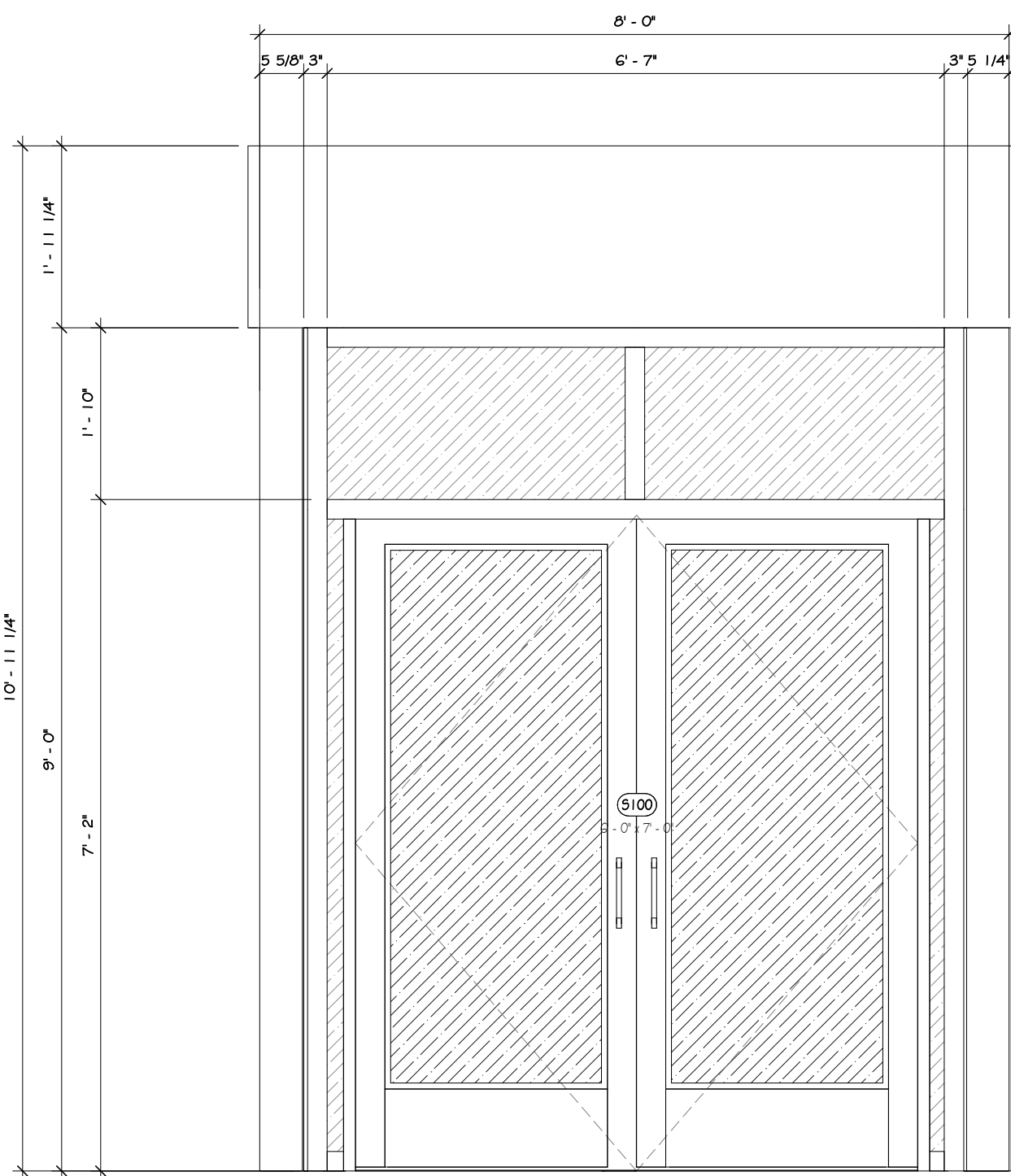




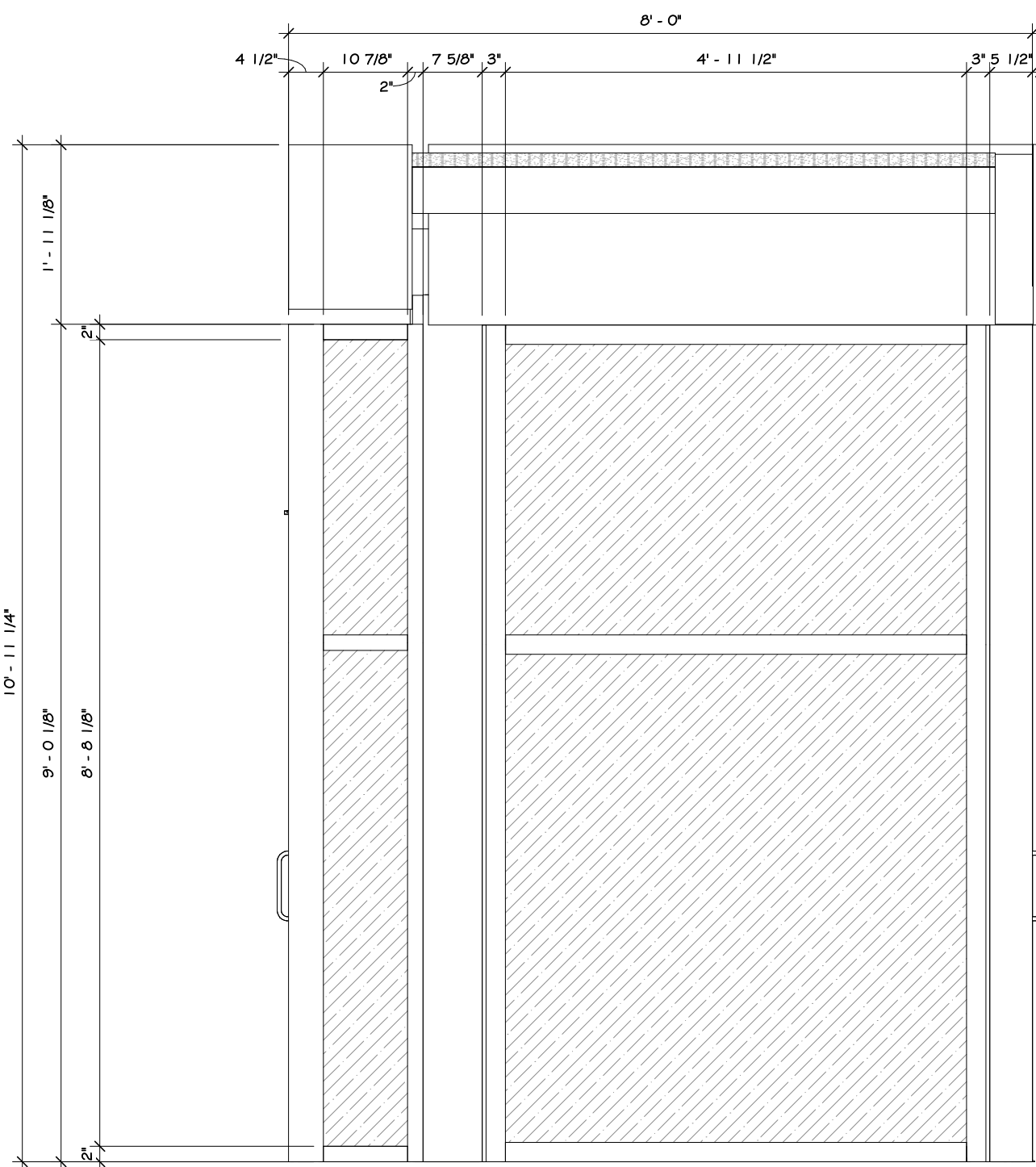
1 STOREFRONT PLAN @ VESTIBULE  
1" = 1'-0"



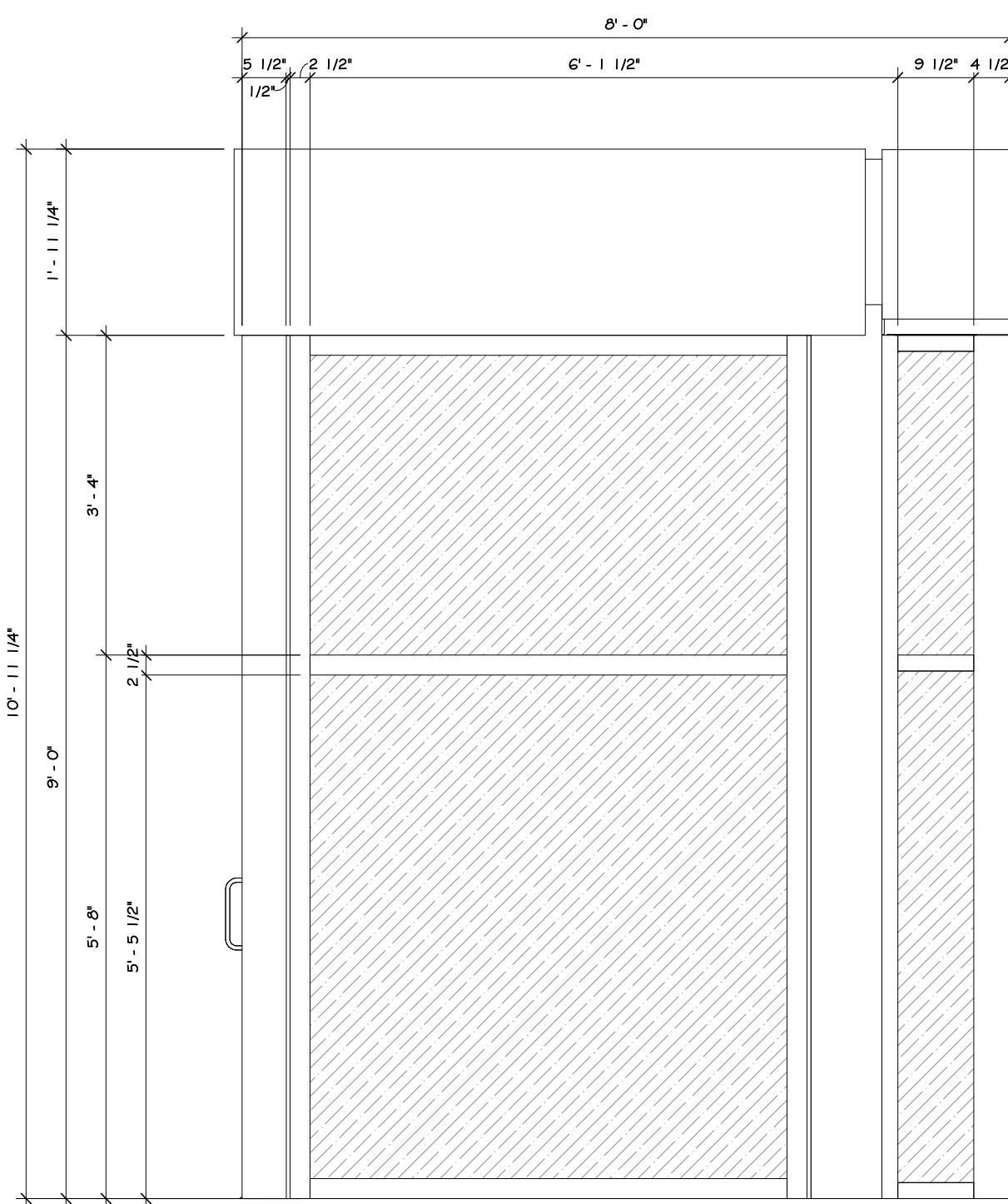
3D VIEW @ VESTIBULE



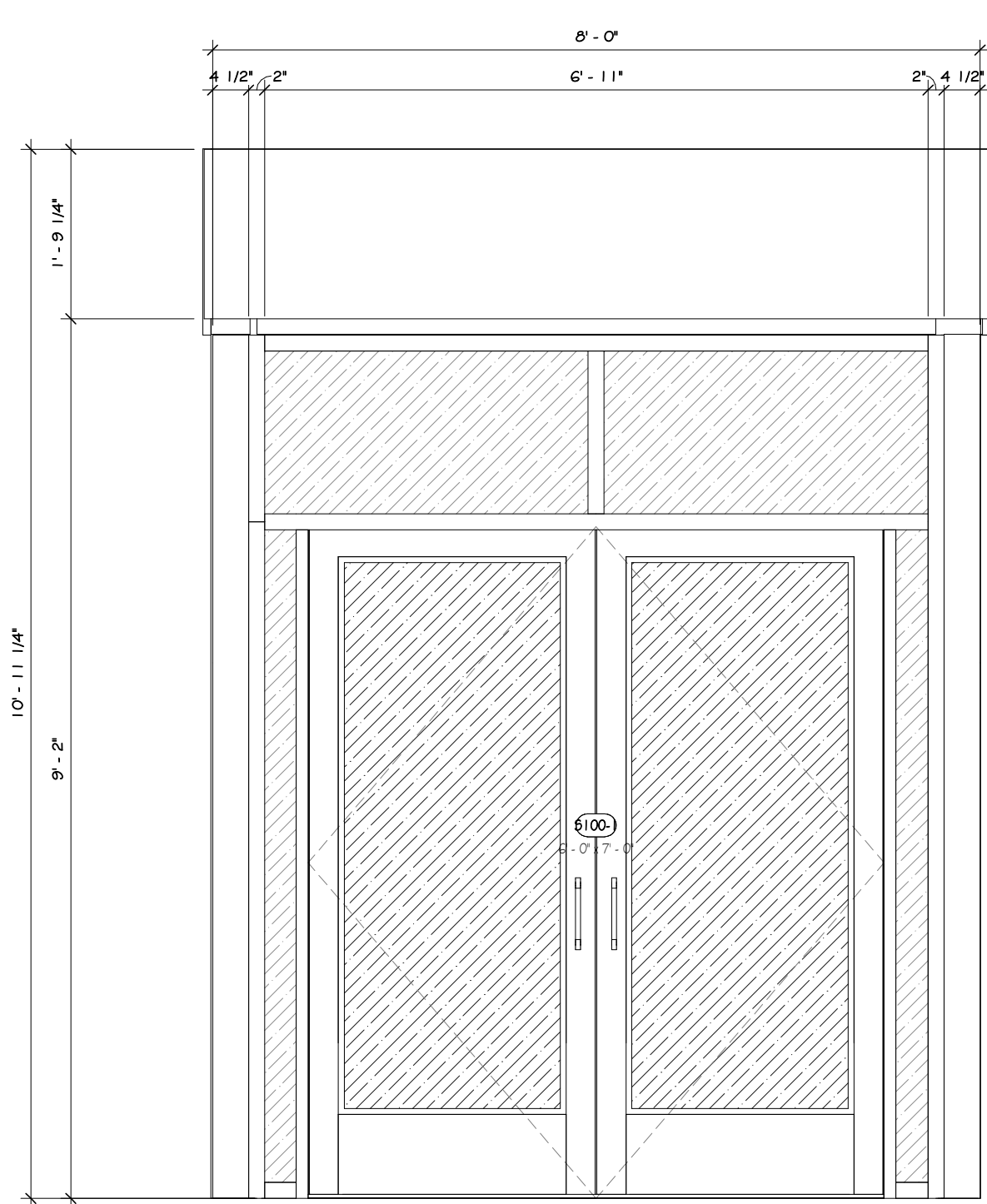
FRONT ELEVATION



RIGHT ELEVATION



LEFT ELEVATION



REAR ELEVATION

2 VESTIBULE ELEVATION  
1" = 2'-0"

## CONSTRUCTION NOTES

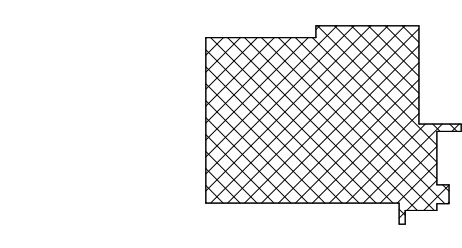
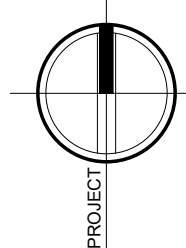
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## REVISIONS:

NUM.	DATE	DESCRIPTION

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## BID DOCUMENTS



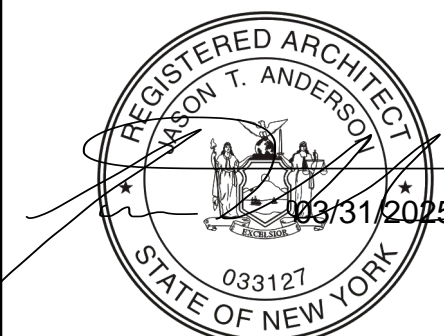
KEY PLAN



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MONTGOMERY, NEW YORK 12549

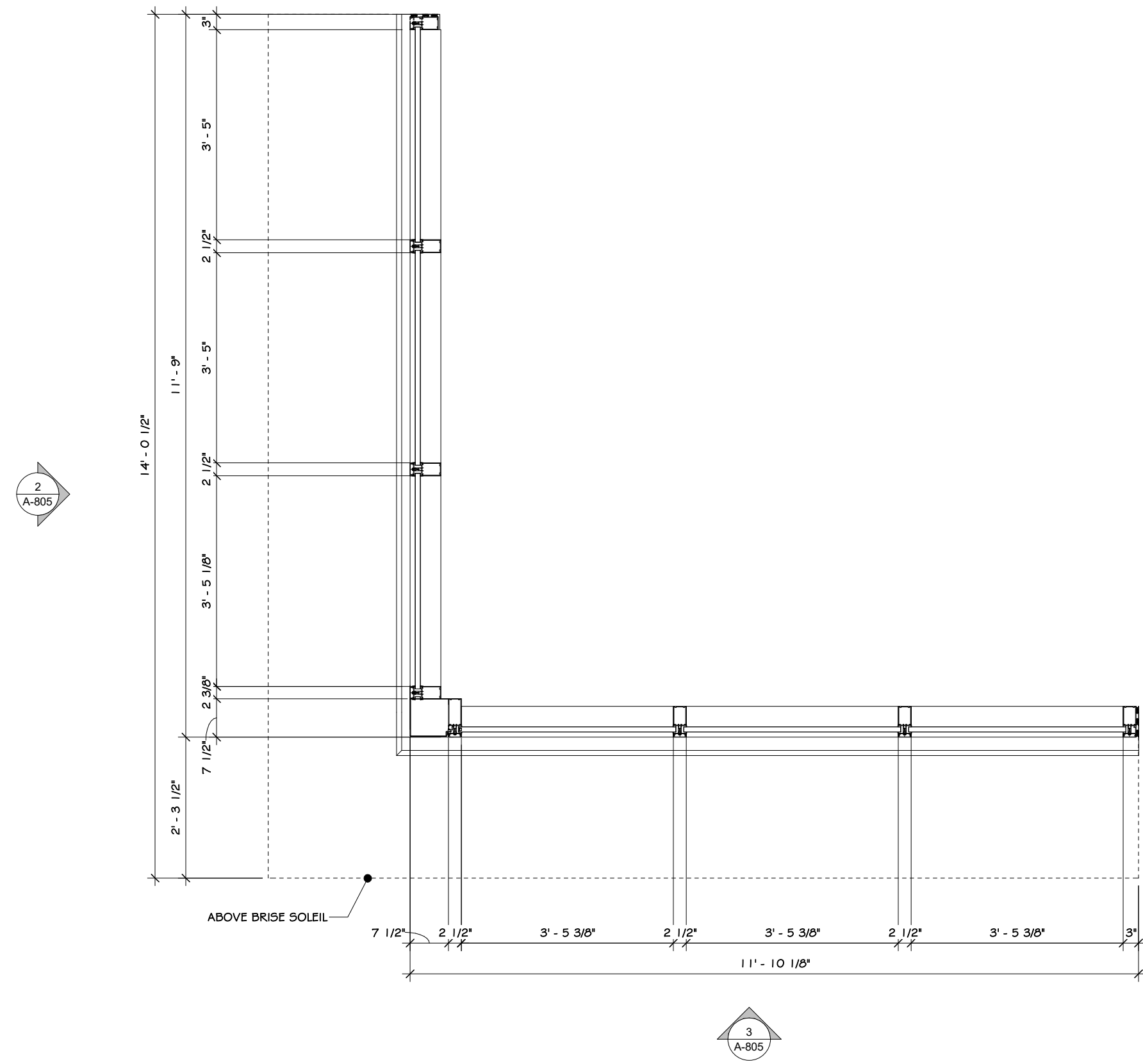
Drawing: STOREFRONT SCHEDULE



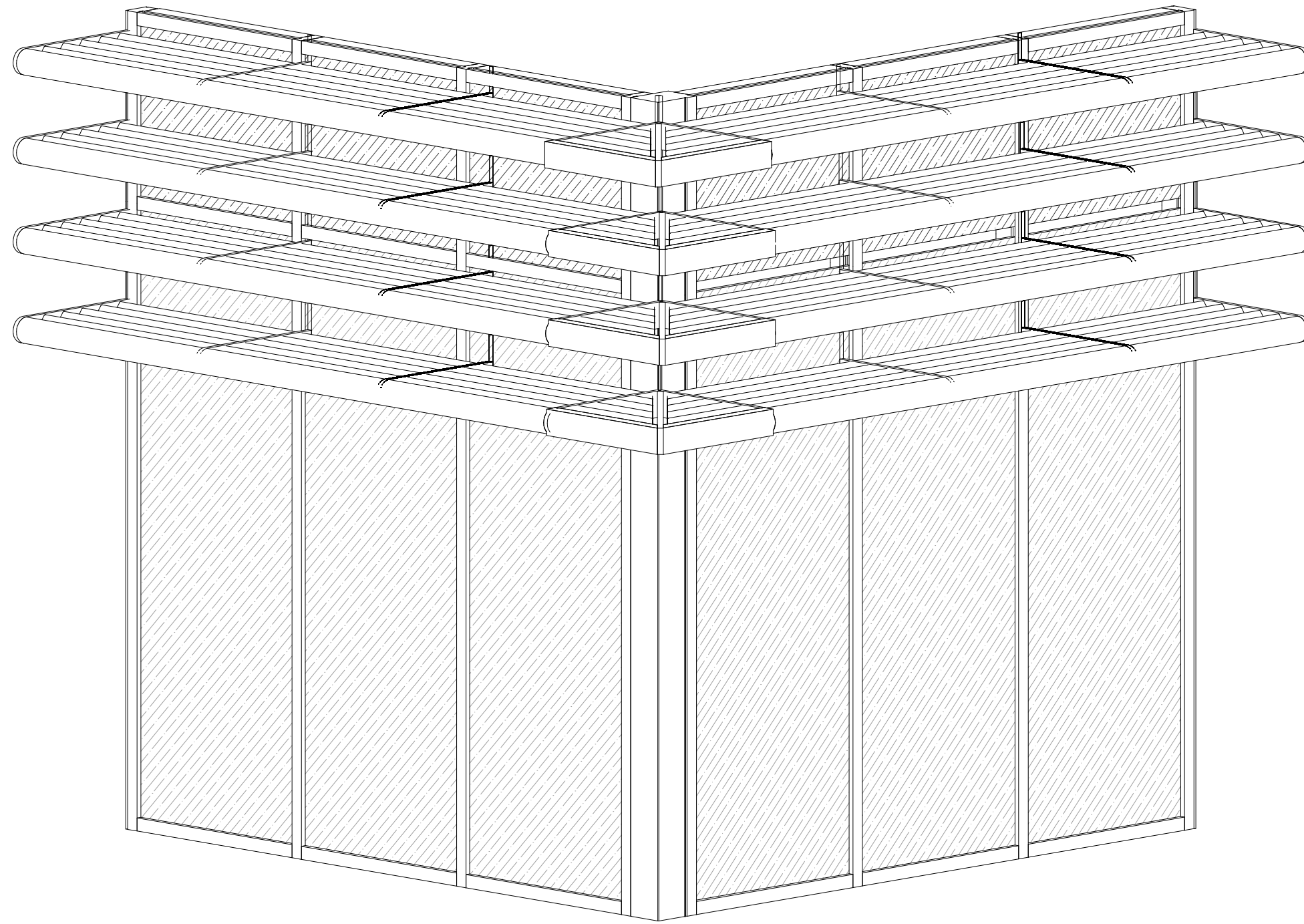
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Drawing Number:

A-804

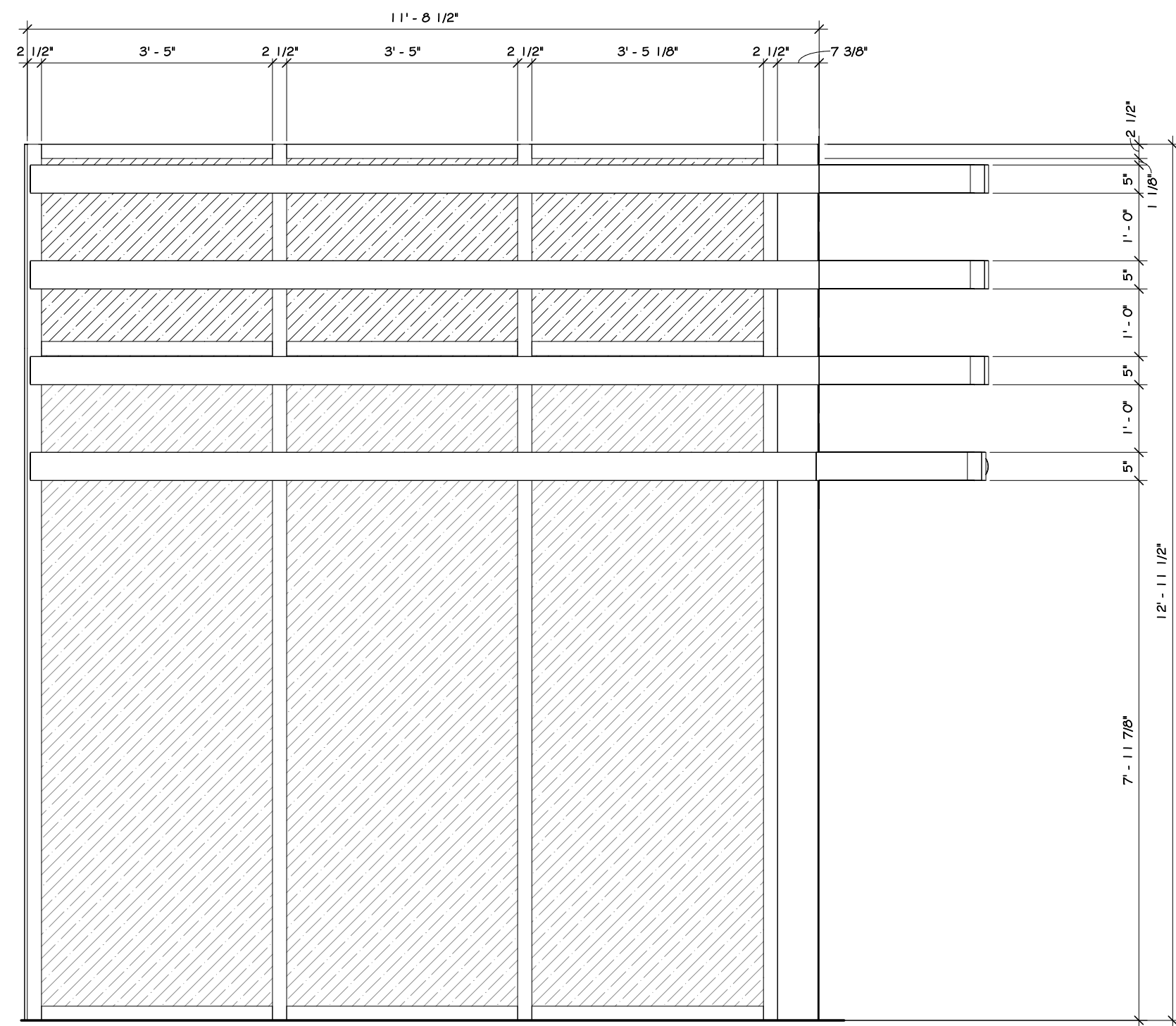




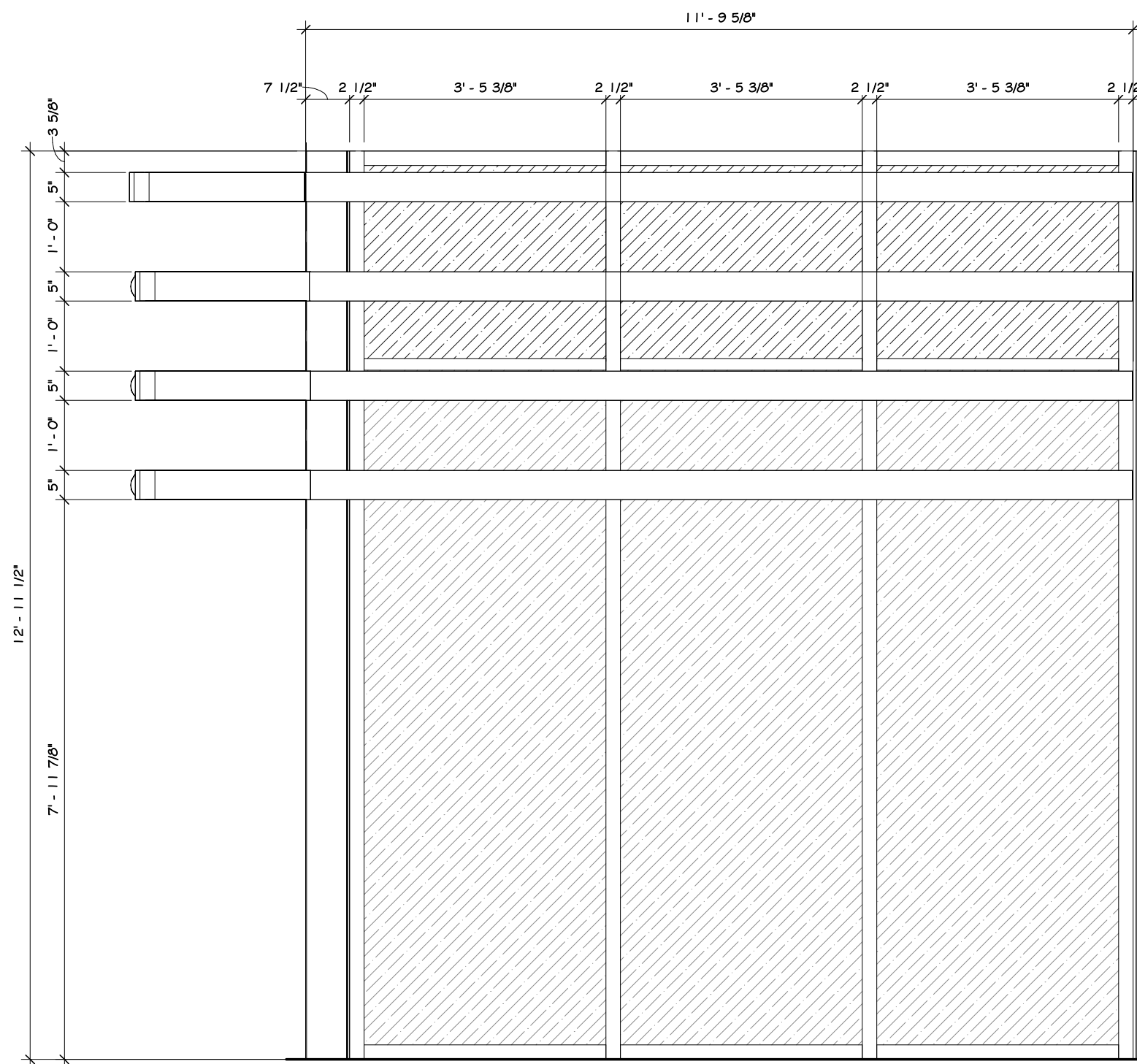
1 STOREFRONT PLAN @ BREAK ROOM  
1/2" = 1'-0"



3D STOREFRONT @ BREAK ROOM



2 STOREFRONT @ BREAK ROOM ELEVATION - A  
1/2" = 1'-0"



3 STOREFRONT @ BREAK ROOM ELEVATION - B  
1/2" = 1'-0"

## CONSTRUCTION NOTES

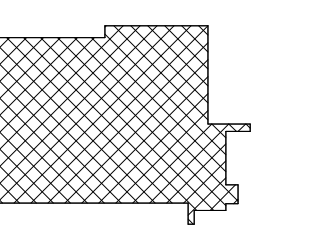
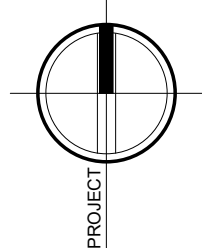
1. ALL SIZES TO BE VERIFIED IN FIELD WITH FRAMING.
2. ALL THRESHOLDS SHALL BE ALUMINUM.
3. ALL WEATHER STRIPPING SHALL BE ALUMINUM.
4. ALL KICKPLATES SHALL BE STAINLESS STEEL.
5. ALL SETS MAY NOT BE USED IN THIS PROJECT.
6. ALL DOOR HARDWARE TO BE SAME STYLE - SUBMIT TO ARCHITECT FOR APPROVAL.
7. DOOR PROVIDER TO COORDINATE KEYING WITH OWNER/THROUGH ARCHITECT.
8. FURNISH KEYS FOR EACH LOCK.
9. FURNISH MASTER KEYS.
10. LABEL ALL KEYS WITH SELF-LOCKING CLIPS, BY ROOM NUMBER.
11. ALL CLOSERS TO HAVE HOLD-OPEN FEATURE.
12. DOOR AND HARDWARE SHOP DRAWINGS ARE TO BE SUBMITTED TO THE ARCHITECT ONLY AFTER GENERAL CONTRACTOR HAS RECEIVED THEM AND CONFIRMED THAT ALL SIZES WORK WITH ROUGH OPENINGS FRAMED IN THE FIELD. SUBMITTED SHOP DRAWINGS MUST CONTAIN APPROVAL SIGNATURE FROM GENERAL CONTRACTOR PRIOR TO SUBMISSION TO ARCHITECT.

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106 BRACKEN ROAD  
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Drawing: STOREFRONT SCHEDULE



Project: 23138 Date: 02/24/25  
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Drawing Number:  
A-805





1 FIRST FLOOR FURNITURE PLAN  
1/4" = 1'-0"

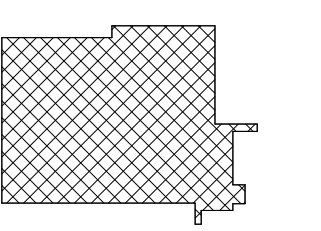
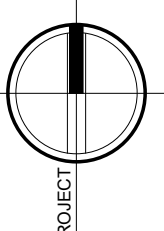
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1. FURNITURE TO BE SELECTED BY OWNER

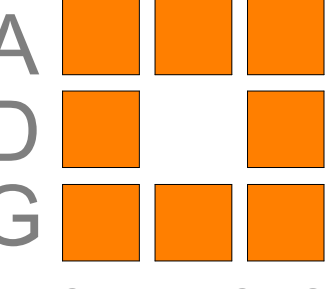
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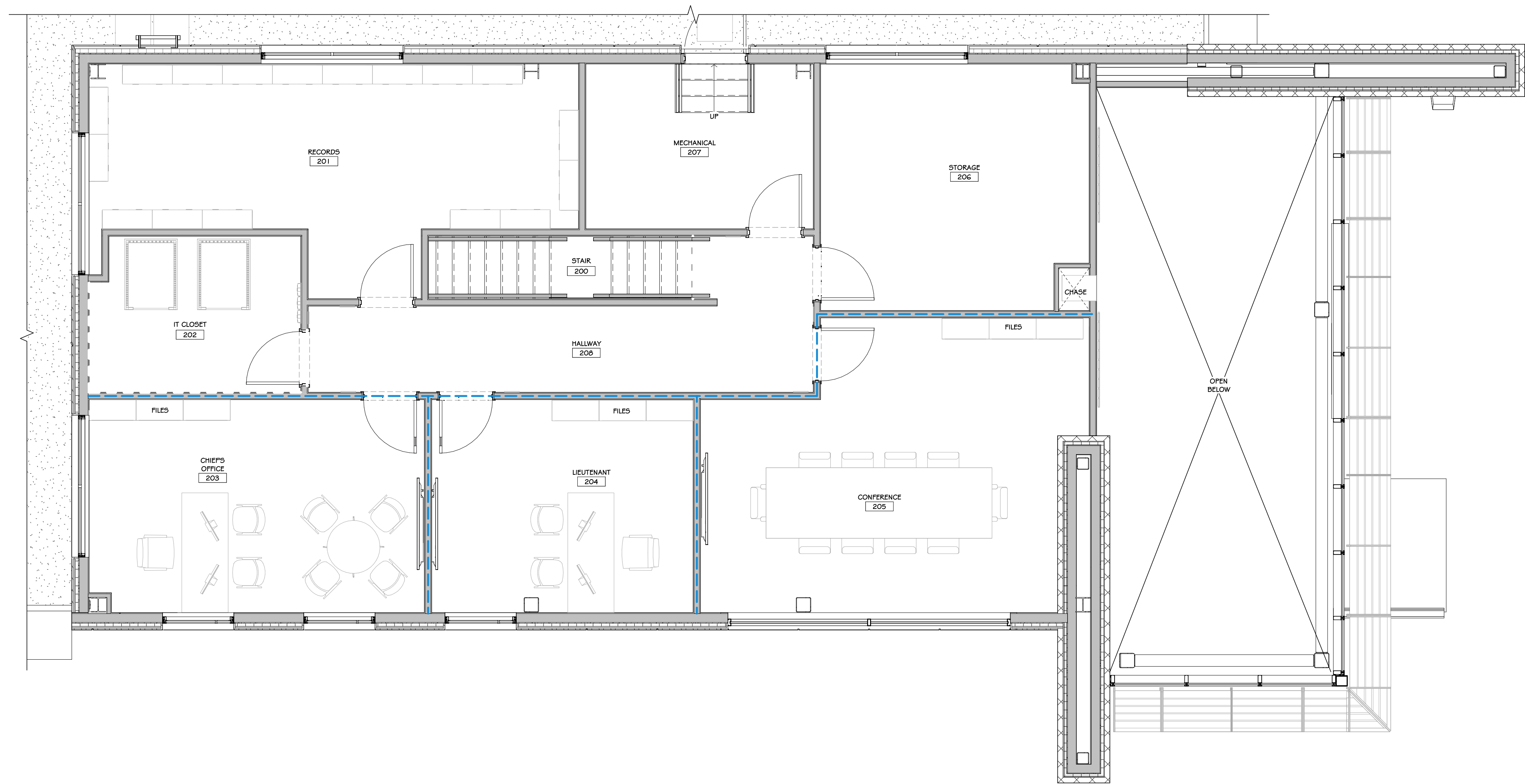
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Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-900





1 SECOND FLOOR FURNITURE PLAN  
1/4" = 1'-0"

CONSTRUCTION NOTES

1. FURNITURE TO BE SELECTED BY OWNER

REVISIONS:

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KEY PLAN

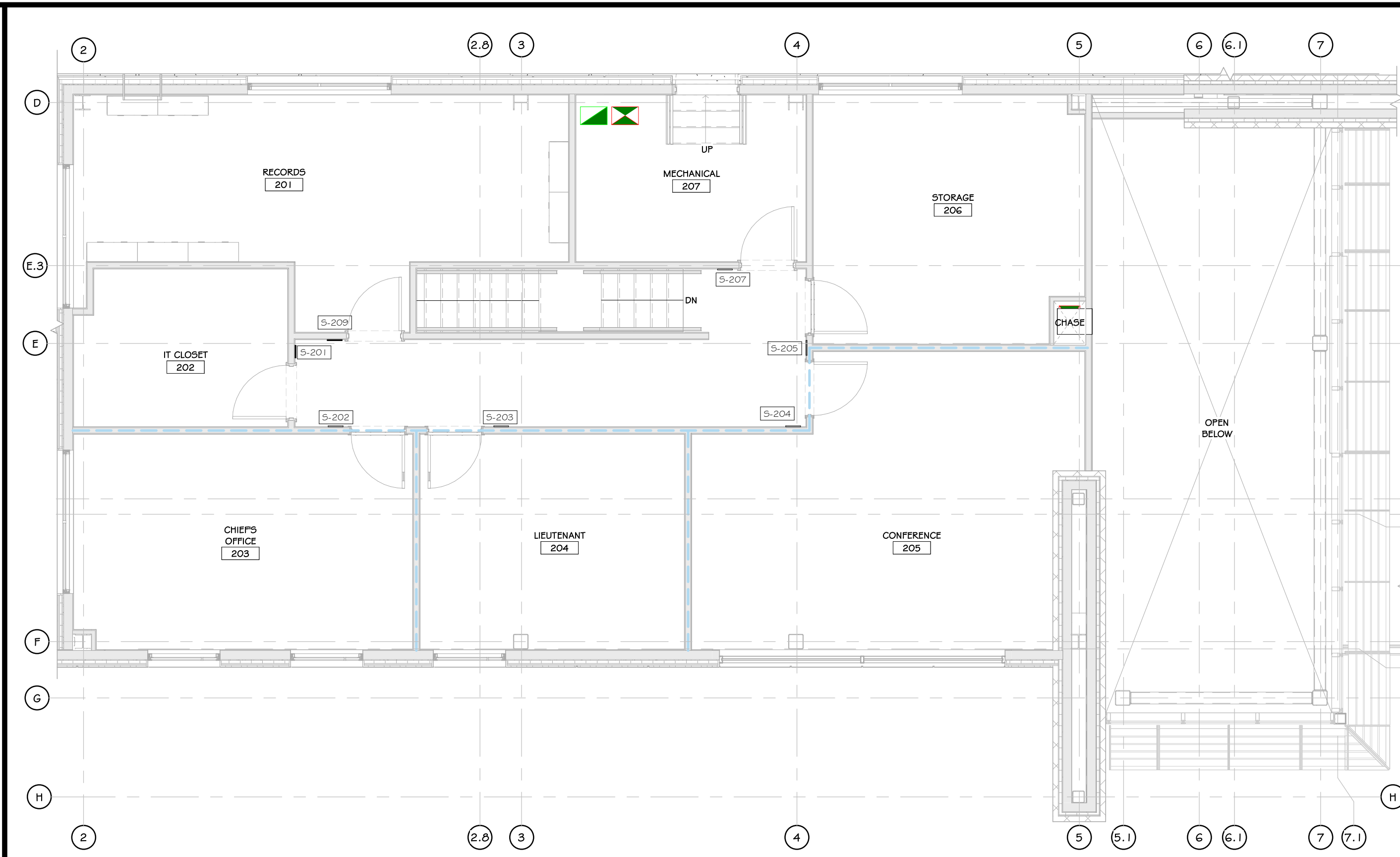
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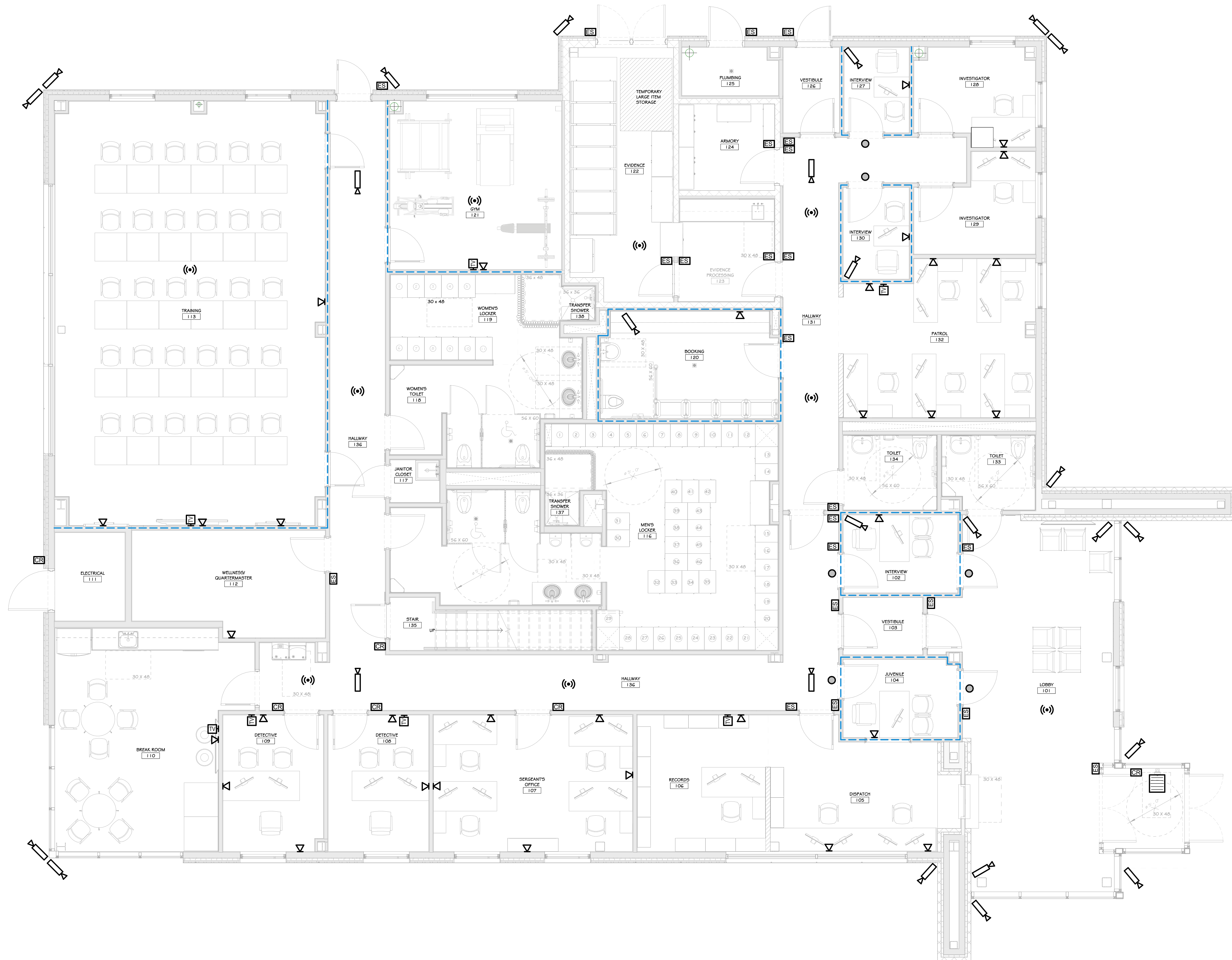
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Project: 23138 Date: 02/24/25  
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Drawing Number:  
**A-901**









1 FIRST FLOOR IT-AV PLAN  
1/4" = 1'-0"

## CONSTRUCTION NOTES

- ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING ALL ROUGH-INS FOR BORES, CONDUIT, AND CABLES
- CABLES TO BE LABELED AS NOTED:
  - BLUE - NETWORK
  - WHITE - VOIP
  - PURPLE - WIFI
  - GREEN - ACCESS CONTROL CABLE
  - ORANGE - CAMERA
- IT SUBCONTRACTOR WILL BE RESPONSIBLE FOR LABELING AND CERTIFYING ALL CABLES
- IT SUBCONTRACTOR IS TO PROVIDE ALL NECESSARY PATCH PANELS, CABLES, KEYSTONES, WALL PLATES, WIRE LADDERS, JAY HOOKS, ETC
- CONDUIT TO BE PROVIDED AT THE FLOOR OF THE IT ROOM TO ALLOW CABLES TO PASS FROM FLOOR TO FLOOR

## LEGEND

	SECURITY CAMERA
	DATA OUTLET
	CABLE TELEVISION OUTLET
	WIRELESS ACCESS POINT
	ACCESS CONTROL READER
	ELECTRONIC STRIKE (12V RECD)
	SECURITY MONITOR
	911 EMERGENCY PHONE
	PRIVACY INDICATOR LIGHT

## REVISIONS:

NUM.	DATE	DESCRIPTION

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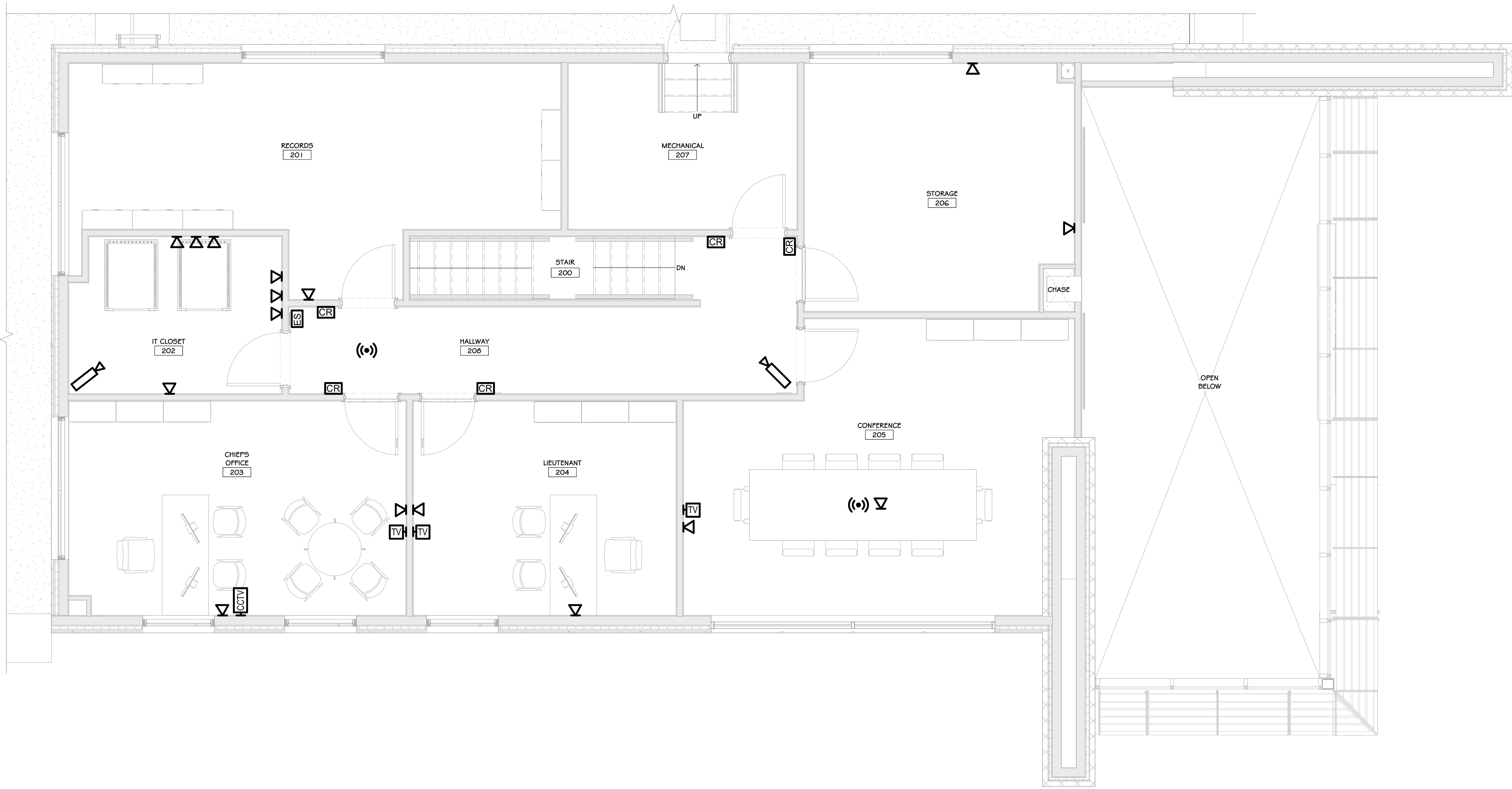
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Drawing: FIRST FLOOR IT-AV PLAN

	Project: 23138 Date: 02/24/25
	Drawn: IDEA Scale: AS NOTED
	Drawing Number: <b>A-903</b>





1 SECOND FLOOR IT-AV PLAN  
1/4" = 1'-0"

## CONSTRUCTION NOTES

- ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING ALL ROUGH-INS FOR BORES, CONDUIT, AND CABLES
- CABLES TO BE LABELED AS NOTED:
  - BLUE - NETWORK
  - WHITE - VOIP
  - PURPLE - WIFI
  - GREEN - ACCESS CONTROL CABLE
  - ORANGE - CAMERA
- IT SUBCONTRACTOR WILL BE RESPONSIBLE FOR LABELING AND CERTIFYING ALL CABLES
- IT SUBCONTRACTOR IS TO PROVIDE ALL NECESSARY PATCH PANELS, CABLES, KEYSTONES, WALL PLATES, WIRE LADDERS, JAY HOOKS, ETC
- CONDUIT TO BE PROVIDED AT THE FLOOR OF THE IT ROOM TO ALLOW CABLES TO PASS FROM FLOOR TO FLOOR

## LEGEND

	SECURITY CAMERA
	DATA OUTLET
	CABLE TELEVISION OUTLET
	WIRELESS ACCESS POINT
	ACCESS CONTROL READER
	ELECTRONIC STRIKE (12V RECD)
	SECURITY MONITOR
	911 EMERGENCY PHONE
	PRIVACY INDICATOR LIGHT

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Drawing: SECOND FLOOR IT-AV PLAN

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<p>Project: TOWN OF MONTGOMERY POLICE STATION 106 BRACKEN ROAD MONTGOMERY, NEW YORK 12549</p>							
<p>Drawing: EXTERIOR RENDERING</p>							
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Project: 23138	Date: 02/24/25						
Drawn: IDEA	Scale: AS NOTED						
Drawing Number:	A-905						





INTERIOR RENDERING @ LOBBY - OPTION

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Drawing: INTERIOR RENDERING

Project: 23138 Date: 02/24/25  
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A-906

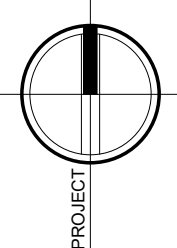




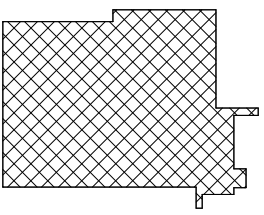
INTERIOR RENDERING @ TRAINING ROOM

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Drawing: INTERIOR RENDERING




REGISTERED ARCHITECT  
JASON T. ANDERSON  
033127  
09/31/2015  
STATE OF NEW YORK

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:

A-907



STRUCTURAL STEEL:

1. STEEL SHALL CONFORM TO THE FOLLOWING GRADES:
- ALL WIDE FLANGE (U.N.O.): A992 GRADE 50 (Fy=50)  
ALL CHANNEL, ANGLE, BASE PLATES, CONNECTION, PLATES (U.N.O.): A36 (Fy=36)  
STRUCTURAL PIPE: A53 (Fy=50)  
STRUCTURAL HSS RECTANGULAR TUBE: A500 GRADE B (Fy=46)  
STRUCTURAL HSS ROUND TUBE: A500 GRADE B (Fy=42)
2. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE A.I.S.C. CODE OF STANDARD PRACTICE, EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS.
3. CONNECTIONS MAY BE BOLTED OR WELDED. THE FABRICATOR IS RESPONSIBLE FOR THE DESIGN OF CONNECTIONS NOT DESIGNED ON THE DRAWINGS. GENERALLY, CONNECTIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE SCHEMATIC AND ARE ONLY INTENDED TO SHOW THE RELATIONSHIP OF MEMBERS CONNECTED. ANY CONNECTION THAT IS NOT SHOWN OR IS NOT COMPLETELY DETAILED ON THE STRUCTURAL DRAWINGS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF THE PROJECT, RETAINED BY THE FABRICATOR. COMPLETELY DETAILED MEANS THE FOLLOWING INFORMATION IS SHOWN ON THE DETAIL:
- A. ALL PLATE DIMENSIONS AND GRADES.
- B. ALL WELD SIZES, LENGTHS, PITCHES, AND RETURNS.
- C. ALL HOLE SIZES AND SPACINGS.
- D. NUMBER AND TYPES OF BOLTS: WHERE BOLTS ARE SHOWN BUT NO NUMBER IS GIVEN, THE CONNECTION HAS NOT BEEN COMPLETELY DETAILED.
- E. WHERE PARTIAL INFORMATION IS GIVEN, IT SHALL BE THE MINIMUM REQUIREMENT FOR THE CONNECTION.
- PRIOR TO FABRICATION, PROVIDE (FOR RECORD COPY) DESIGN CALCULATIONS FOR TYPICAL BEAM CONNECTIONS, ALL PRIMARY BRACING AND HANGER CONNECTIONS, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT SHALL BE SUBMITTED TO THE ENGINEER.
4. CONNECTION DESIGN FORCES:
- A. BEAMS, IF REACTION IS NOT SHOWN GREATER OF:
- 55% OF TOTAL ALLOWABLE UNIFORM LOAD CAPACITY FROM A.I.S.C. 14TH EDITION TABLES FOR ALLOWABLE LOADS ON BEAMS, WGL.
- 10 KIPS.
- B. MOMENT CONNECTIONS INDICATED ON THE DRAWINGS THUS:  DESIGN FOR MOMENT SHOWN OR, IF NOT SHOWN, DEVELOP MOMENT CAPACITY OF MEMBER WITH  $\phi_b = 0.66 F_y$ .
- C. MAINTAIN TENSION CAPACITY OF COLUMNS, DIAGONALS AND MEMBERS SUBJECT TO TENSION AT BOLT HOLES, NOTCHES, OR COPEES.
- D. CONNECTION FORCE NOTATION:
- P = AXIAL FORCE IN KIPS: (+) TENSION, (-) COMPRESSION  
V OR  $\{ \}$  = SHEAR IN KIPS  
M = MOMENT IN FOOT KIPS  
T = TORSION IN FOOT KIPS
5. THE MINIMUM PLATE THICKNESS SHALL BE 1/4".
6. BOLTED CONNECTIONS:
- A. MINIMUM BOLT DIAMETER = 3/4"
- B. SLIP CRITICAL CONNECTIONS OF A325SC OR A490SC BOLTS SHALL BE USED FOR ALL BOLTED CONNECTIONS OF BRACING MEMBERS, MOMENT CONNECTIONS, CANTILEVERS, AND AS SHOWN ON THE DRAWINGS. OVERSIZED AND LONG-SLOTTED HOLES ARE ALLOWED FOR SLIP CRITICAL CONNECTIONS.
- C. ALL OTHER BOLTED CONNECTIONS SHALL BE BEARING TYPE USING A325N OR A490N BOLTS. OVERSIZED HOLES AND LONG-SLOTTED HOLES ARE NOT ALLOWED UNLESS SHOWN ON THE DRAWINGS.
- D. A307 BOLTS MAY BE USED WHERE INDICATED ON THE DRAWINGS.
- E. PROTRUDING BOLT HEADS, SHAFTS OR NUTS SHALL NOT EXTEND INTO NOR PROHIBIT THE APPLICATION OF ARCHITECTURAL FINISHES AND THEY SHALL NOT EXTEND INTO NOR PROHIBIT THE PLACEMENT OF STEEL DECKING TO THE CORRECT LINE AND ELEVATION.
- F. THE FABRICATOR IS RESPONSIBLE FOR VERIFYING THE TENSION CAPACITY OF AXIALLY LOADED MEMBERS AFTER A SECTION IS REDUCED FOR BOLT HEADS. MEMBER SIZE MAY BE INCREASED OR CONNECTION PLATES ADDED AS REQUIRED.
- G. SHOP DRAWINGS SHALL INDICATE THE TYPE OF BOLT USED IN EACH CONNECTION AND THE ALLOWABLE VALUES USED FOR THE VARIOUS BOLT TYPES.
7. WELDED CONNECTIONS:
- A. WELDS ARE CONTINUOUS UNLESS NOTED.
- B. ALL FILLET WELDS: A.I.S.C. MINIMUM BUT NOT LESS THAN 1/4" UNLESS NOTED OTHERWISE.
- C. ALL WELDING SHALL BE IN ACCORDANCE WITH THE CURRENT "STRUCTURAL WELDING CODE" (A.W.S. D1.1) PUBLISHED BY THE AMERICAN WELDING SOCIETY. ELECTRODES FOR WELDING SHALL COMPLY WITH THE REQUIREMENTS OF TABLE 4.1.1 OF (A.W.S. D1.1).
- D. ALL GROOVE WELDS SHALL BE COMPLETE PENETRATION UNLESS NOTED OTHERWISE.
8. SPlicing OF STEEL MEMBERS, UNLESS SHOWN ON THE DRAWINGS, IS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE ARCHITECT.
9. NO CHANGE IN SIZE OR POSITION OF THE STRUCTURAL ELEMENTS SHALL BE MADE AND HOLES, SLOTS, CUTS, ETC., ARE NOT PERMITTED THROUGH ANY MEMBER UNLESS THEY ARE DETAILED ON THE APPROVED SHOP DRAWINGS.
10. NO FINAL BOLTING OR WELDING SHALL BE MADE UNTIL AS MUCH OF THE STRUCTURE AS WILL BE STIFFENED THEREBY HAS BEEN PROPERLY ALIGNED.
11. UNLESS NOTED OTHERWISE, BEAMS SHALL BEAR 8" MINIMUM ON CONCRETE OR MASONRY. ANCHOR BEAMS TO MASONRY OR CONCRETE WITH 2-3/4" DIA. ANCHOR BOLTS OR WELDED TO EMBED PLATE.
12. FABRICATE ALL BEAMS WITH THE MILL CAMBER UP.
13. SHEAR STUDS: CONFORM TO A.W.S. D1.1-98, SHOP WELD EXCEPT WHERE APPLIED THROUGH METAL DECK.
14. HEADED STUDS SHALL CONFORM TO A.S.T.M. A108, GRADE 1015, WELDABLE (Fy = 65 K.S.I.).
15. TOP OF ALL TUBES AND PIPES SHALL HAVE A CAP PLATE 1/4", SEAL WELDED ALL AROUND, UNLESS LARGER CAP PLATE AND / OR WELD IS NOTED. THIS DOES NOT APPLY TO DIAGONAL / SLOPING TUBES OR PIPES.
16. WHERE FIREPROOFING IS REQUIRED, ADJUST FIREPROOFING THICKNESS BASED ON MEMBER SIZES. SEE ARCHITECTURAL DRAWINGS FOR FIREPROOFING REQUIREMENTS AND THICKNESS.
17. THE FABRICATOR IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF STEEL STAIRS. STAIRS SHOWN ON THE STRUCTURAL DRAWINGS ARE SCHEMATIC AND ARE ONLY INTENDED TO SHOW THE RELATIONSHIP OF MEMBERS CONNECTED. STAIRS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT, RETAINED BY THE FABRICATOR.
18. ALL EXPOSED EXTERIOR STEEL SHALL HAVE A GALVANIZED FINISH, UNLESS NOTED OTHERWISE.
19. 18. ALL EXPOSED EXTERIOR STEEL SHALL HAVE A GALVANIZED FINISH, UNLESS NOTED OTHERWISE

CONCRETE:

1. CONCRETE SHALL CONFORM WITH THE REQUIREMENTS SET FORTH IN A.C.I. 301 AND SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH AND DENSITY, IN ACCORDANCE WITH THE FOLLOWING:

INTENDED USE	28 DAY STRENGTH $f_c$ (K.S.I.)	CONCRETE DENSITY	MAXIMUM W/C (INCLUDING FLY ASH)	MINIMUM CEMENT MATERIAL (PC) (INCLUDING FLY ASH)	MAXIMUM AGGREGATE (IN.)	SUMP LIMITS (IN.) (<0' -2')	TOTAL AIR LIMITS (%) (B)	REQUIRED ADMIXTURES (C)
FOOTINGS	4	145	0.48	564	1 1/2	4	-	-
INTERIOR TOPPING SLABS	3.5	145	0.50	541	3/4	4	-	-
INTERIOR SLABS ON GRADE	4	145	0.50	564	1 1/2	4	N	-
ALL CONCRETE NOT OTHERWISE SPECIFIED	4	145	0.40	564	3/4	4	6	-

CONCRETE TABLE NOTES:

- A. FOR MAXIMUM COARSE AGGREGATE SIZE INDICATED, USE THE FOLLOWING AGGREGATE SIZE NUMBERS PER A.S.T.M. C33:
- 3/8" - #8 AGGREGATE  
3/4" - #67 AGGREGATE  
1" - #67 AGGREGATE  
1 1/2" - #467 AGGREGATE
- B. TOTAL AIR CONTENT LIMITS INCLUDE BOTH ENTRAINED AND ENTRAPPED AIR +/- 1 1/2%. "N" IN COLUMN INDICATES ADDITION OF ENTRAINED AIR IS NOT PERMITTED.
- C. ABBREVIATIONS FOR REQUIRED ADMIXTURES AS FOLLOWS: AE - AIR-ENTRAINING ADMIXTURE, WR - WATER REDUCING ADMIXTURE
- D. MAXIMUM SHRINKAGE FOR SLAB ON GRADE SHALL BE LIMITED TO 58" PER 100 FOOT.
1. REINFORCING SHALL CONFORM TO A.S.T.M. A615, GR. 60, INCLUDING TIES AND STIRRUPS. BARS REQUIRING WELDING OR FIELD BENDING SHALL BE A.S.T.M. A706, GRADE 60.
2. WELDED WIRE FABRIC SHALL CONFORM TO A.S.T.M. A185.
3. LAP SPLICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE. WHERE CLASSES ARE NOT CALLED OUT ON DRAWINGS, USE CLASS "B" SPLICES:
- SPLICES:  $f_c = 4000$  P.S.I.,  $f_y = 60,000$  P.S.I.

STANDARD TENSION LAP SPlice, GRADE 60													
CLASS A and B LAP SPlice LENGTH (INCHES)													
		fc = 3,000 P.S.I.				fc = 4,000 P.S.I.				fc = 5,000 P.S.I.			
BAR SIZE	CLASS	A		B		A		B		A		B	
	CASE	1	2	1	2	1	2	1	2	1	2	1	2
#3		16	25	21	32	14	21	18	28	13	19	17	25
#4		22	33	28	43	19	28	25	37	17	25	22	33
#5		27	41	36	53	24	36	31	46	21	32	28	41
#6		33	49	43	64	28	43	37	55	25	38	33	50
#7		48	72	62	93	42	62	54	81	37	56	48	72
#8		55	82	71	107	47	71	62	92	42	64	55	83
#9		62	93	80	120	54	80	70	104	48	72	62	93
#10		70	104	90	136	60	90	78	117	54	81	70	105
#11		77	116	100	151	67	100	87	130	60	90	78	117

\*TOP BARS\* ARE DEFINED AS ANY BAR WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR, SEE NOTE 4 IN TABLE NOTES.

COMPRESSION LAP SPICE SCHEDULE	
LAP LENGTH (INCHES)	
$f_c = 3,000$ P.S.I. OR GREATER	
BAR SIZE	30 BAR DIA.
#3	12
#4	15
#5	19
#6	22
#7	26
#8	29
#9	33
#10	37
#11	41

TABLE NOTES:

- A. TABLES ARE BASED A.C.I. 318, WHERE CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED IS AT LEAST 2 BAR DIAMETERS AND THE CLEAR COVER AT LEAST 1 BAR DIAMETER, USE CASE 1. USE CASE 2 FOR OTHER BAR ARRANGEMENTS.
- B. ALL SPLICES TO BE CLASS "B" TENSION SPICE UNLESS OTHERWISE NOTED.
- C. SPICE PLAIN WELDED WIRE FABRIC BY LAPPING ONE FULL MESH SPACE PLUS 2 INCHES.
- D. FOR TOP BARS, MULTIPLY LENGTHS IN TABLE BY 1.3.
- E. FOR EPOXY COATED REINFORCEMENT, MULTIPLY LENGTHS IN TABLE BY 1.5 FOR COVER LESS THAN 3/8" OR CLEAR SPACING LESS THAN 6db. MULTIPLY LENGTHS BY 1.2 FOR ALL OTHER EPOXY COATED REINFORCEMENT.
- F. FOR LIGHT WEIGHT CONCRETE, MULTIPLY LENGTHS IN TABLE BY 1.3.
- G. COMPRESSION DOWEL EMBEDMENT: 22 BAR DIAMETERS
- H. COMPRESSION DOWEL EMBEDMENT: 22 BAR DIAMETERS.

BUILDING LOAD CRITERIA - SNOW LOADS

SNOW LOAD (AS PER ASCE7-16 CHAPTER 7)		
ITEM	VALUE	REFERENCE
RISK CATEGORY	IV	TABLE 1.5-1
IMPORTANCE FACTOR, $I_s$	1.2	TABLE 1.5-2
GROUND SNOW LOAD	40 PSF	
SNOW DENSITY	19.2 PCF	EQ. 7.7-1
EXPOSURE FACTOR, $C_e$	1.0 (PARTIALLY EXPOSED)	TABLE 7-2
THERMAL FACTOR, $C_t$	1.0	TABLE 7-3
FLAT ROOF SNOW LOAD, $P_f$	35 PSF	SECTION 7.3
ROOF SLOPE FACTOR, $C_s$ ...	1.0 (ALL OTHER SURFACES)	FIGURE 7-2a
SLOPED ROOF SNOW LOAD, $P_s$	35 PSF	SECTION 7.4
SLOPED ROOF SNOW HEIGHT...	N/A	SECTION 7.6.2
UNBALANCED SNOW	NOT APPLIED	
DRIFT	SEE ROOF PLAN	
SLIDING SNOW	NOT APPLIED	

CONCRETE NOTES (CONTINUED):

4. ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED, IN ACCORDANCE WITH THE LATEST EDITION OF THE A.C.I. DETAILING MANUAL.
5. ALL REINFORCING SHALL BE SUPPORTED IN FORMS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER, IN ACCORDANCE WITH C.R.S.I. "REINFORCING BAR DETAILING", LATEST EDITION.
6. MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE:
- A. UNFORMED SURFACE IN CONTACT WITH THE GROUND: 3 IN.
- B. FORMED SURFACES EXPOSED TO EARTH OR WEATHER: 1 1/2 IN. FOR #5 BAR OR SMALLER, 2 IN. FOR #6 BAR OR LARGER
- C. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER: WALLS, SLABS: 3/4 IN., BEAMS, GIRDERS AND COLUMNS (TO TIES OR STIRRUPS): 1 1/2 IN.
7. ALL CONSTRUCTION JOINTS SHOWN ON DRAWINGS SHALL BE INCORPORATED INTO THE STRUCTURE, UNLESS THEIR ELIMINATION IS APPROVED BY THE ENGINEER. ADDITIONAL CONSTRUCTION JOINTS, REQUIRED TO FACILITATE CONSTRUCTION, SHALL BE LOCATED AT POINTS OF MINIMUM SHEAR AND SHALL BE DETAILED ON SHOP DRAWINGS WITH LOCATIONS SUBJECT TO APPROVAL BY ENGINEER. REINFORCEMENT SHALL PASS CONTINUOUSLY THROUGH THE JOINT.
8. ALL ABUTTING CONCRETE MEMBERS SHALL BE DOWELED TOGETHER, UNLESS POURED MONOLITHICALLY. DOWELS SHALL BE EQUAL IN SIZE AND SPACING TO THE REINFORCING IN THE ADJACENT MEMBER.
9. UNLESS OTHERWISE SHOWN IN THE ARCHITECTURAL DRAWINGS, PROVIDE 3/4" CHAMFERS AT ALL EDGES THAT ARE EXPOSED TO VIEW IN THE FINISHED STRUCTURE.
10. SEE ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW OPENINGS, DRIP SLOTS, REGLETS, MASONRY ANCHORS, PRECAST BEARING LEDGES, BRICK LEDGE ELEVATIONS AND FOR MISCELLANEOUS EMBEDDED PLATES, BOLTS, ANCHORS, ANGLES, ETC.
11. REFER TO ARCHITECTURAL DRAWINGS FOR CONCRETE FINISHES. WHERE FINISH IS NOT SPECIFIED, CONFORM TO REQUIREMENTS OF A.C.I. 301.
12. MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS SHALL BE REFERRED TO FOR DRAINS, SLEEVES, OUTLET BOXES, CONDUIT, ANCHORS, ETC. THE VARIOUS TRADES ARE RESPONSIBLE FOR PLACING THEIR ITEMS.
13. REFER TO MECHANICAL DRAWINGS FOR UNDERFLOOR AND PERIMETER FOUNDATION DRAINS.
14. BASE PLATES, ANCHOR BOLTS, SUPPORT ANGLES, ETC., BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" CONCRETE.
15. PROVIDE CONTINUOUS WATERSTOP AT HORIZONTAL AND VERTICAL JOINTS BELOW GRADE.
16. FILL SLABS INDICATED ON THE STRUCTURAL DRAWINGS SHALL BE REINFORCED WITH 6x6-W#1 4x#1.4 W.W.F., UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL DRAWINGS FOR PLAN DIMENSIONS, THICKNESSES, SLOPES TO DRAIN, ETC.
17. WHERE REINFORCING IS NOT INDICATED OR DEFINED, INCLUDE FOR BID PURPOSES ONLY:
- A. WALLS: #5 EACH WAY EACH FACE. SPACING IN INCHES = 140/(WALL THICKNESS IN INCHES) BUT NOT OVER 18" O.C.
- B. BEAMS: 1-#9 CONTINUOUS TOP AND BOTTOM FOR EACH 100 SQUARE INCHES OF BEAM CROSS SECTIONAL AREA AND #4 STIRRUPS SPACED AT 1/4 OF BEAM DEPTH FULL LENGTH OF BEAM.
- C. COLUMNS: 1-#9 VERTICAL PER 50 SQUARE INCHES OF CROSS SECTIONAL AREA AND #3 TIES @ 9" O.C.
- D. SLABS: #5 EACH WAY TOP AND BOTTOM. SPACING IN INCHES = 100/(SLAB THICKNESS IN INCHES) BUT NOT OVER 18" O.C.
- ON SHOP DRAWINGS, INDICATE ABOVE REINFORCING AS "PER GENERAL NOTES". SUCH REINFORCING MAY BE REVISED OR RELOCATED BY STRUCTURAL ENGINEER DURING SHOP DRAWING REVIEW.
18. MASONRY DOWELS: PROVIDE, PLACE, AND SPACE TO MATCH MASONRY REINFORCING.
19. PROVIDE STANDARD HOOKS ON BARS TERMINATING AT A CONCRETE FACE UNLESS NOTED (E.G.: EDGES OF OPENINGS, SLAB EDGES, EXPANSION JOINTS, ENDS OF BEAMS, AND AT TOP, BOTTOM AND ENDS OF WALLS, ETC...).
20. PROVIDE 2-#5 (MINIMUM) @ EACH SIDE OF OPENING. EXTEND 2'-0" BEYOND OPENINGS.

BUILDING LOAD CRITERIA - LIVE LOADS		
ITEM	VALUE	
ROOF	ROOF LIVE LOAD	20 PSF.
SECOND FLOOR	FLOOR LIVE LOAD+PARTITION	80 PSF.
CORRIDOR & PUBLIC	FLOOR LIVE LOAD	100 PSF.
STORAGE & ELECTRICAL ROOMS	FLOOR LIVE LOAD	100 PSF.
STAIR & ITS LANDING(S)	FLOOR LIVE LOAD	100 PSF.

BUILDING LOAD CRITERIA - DEAD LOADS		
ITEM	MAXIMUM UNIFORMLY DISTRIBUTED LOAD...	
ROOF	ROOFING	3 PSF
	INSULATION	3 PSF
	ROOF SHEATHING	3 PSF
	MEP	2 PSF
	FRAMING	5 PSF
	CEILING	4 PSF
2ND FLOOR	TOTAL ROOF DEAD LOAD	20 PSF
	FLOOR FINISH	1 PSF
	ELEVATED SLAB	60 PSF
	FRAMING	5 PSF
	MEP	2 PSF
	CEILING	2 PSF
STAIR & LANDING	TOTAL FLOOR DEAD LOAD	70 PSF
	TOTAL STAIR & LANDING DEAD LOAD	50 PSF

SHEET LIST				
Sheet Number	Sheet Name	Sheet Issue Date	Progress	Current Revision
S001	NOTES	2/24/2025	100%	
S002	NOTES	2/24/2025	100%	
S003	SPECIAL INSPECTIONS	2/24/2025	100%	
S100	FOUNDATION	2/24/2025	100%	
S101	LOW ROOF FRAMING	2/24/2025	100%	
S102	HIGH ROOF PLAN	2/24/2025	100%	
S200	FOUNDATION DETAILS	2/24/2025	100%	
S201	FOUNDATION/FRAMING DETAILS	2/24/2025	100%	
S300	SECTIONS AND DETAILS	2/24/2025	100%	
S301	SECTIONS AND DETAILS	2/24/2025	100%	
S302	SECTIONS AND DETAILS	2/24/2025	100%	
S303	SECTIONS AND DETAILS	2/24/2025	100%	

BUILDING LOAD CRITERIA - SEISMIC LOADS		
SEISMIC PARAMETER & LOADING - (AS PER ASCE7-16 CHAPTER 11 & CHAPTER 12)		
ITEM	VALUE	
RISK CATEGORY	IV	
SEISMIC IMPORTANCE FACTOR, $I_e$	1.5	
PROCEDURE USED FOR DESIGN	EQUIVALENT LATERAL FORCE PROCEDURE	
THE MAPPED AND DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS & 1-SECOND PERIODD	Ss	0.217 g
	Sds	0.116 g
	S1	0.055 g
	Sd1	0.030 g
SITE CLASS	B	
SEISMIC DESIGN CATEGORY	A	
SEISMIC FORCE RESISTING SYSTEM	STEEL FRAME NOT SPECIFICALLY DESIGNED FOR SEISMIC RESISTANCE	
R	3	
SEISMIC BASE SHEAR	10 KIPS	

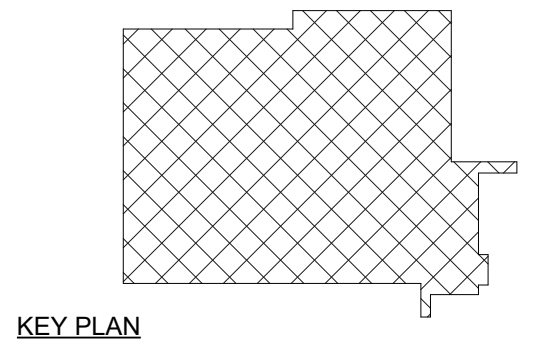
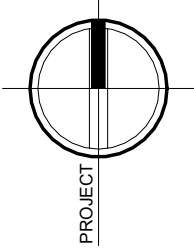


REVISIONS:

NUM.	DATE	DESCRIPTION

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Project: POLICE STATION  
TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK

Drawing: NOTES



Project: 23321 Date: 2/24/2025

Drawn: Author Scale: AS NOTED

Drawing Number:

S001



METAL ROOF DECK:

- METAL ROOF DECK SHALL COMPLY WITH THE REQUIREMENTS OF THE STEEL DECK INSTITUTE PROJECT SPECIFICATIONS SEE PLANS FOR DECK TYPES AND GAUGES.
- METAL ROOF DECK HAS BEEN DESIGNED TO FUNCTION AS A DIAPHRAGM FOR THE TRANSMISSION OF LATERAL LOADS.
- LAP DECK 4" MINIMUM AT SPLICES CENTERED ON SUPPORT.
- DO NOT SUSPEND POINT LOADS FROM DECK INCLUDING HANGERS FOR: CEILINGS, PIPES, DUCTS, EQUIPMENT, ETC.. CONTRACTOR INSTALLING SUCH POINT LOADS SHALL PROVIDE SUB-FRAMING TO TRANSFER LOAD TO STRUCTURE SUPPORTING DECK.
- FABRICATE DECK UNITS IN LENGTHS TO SPAN THREE OR MORE SUPPORT SPACINGS.
- MINIMUM YIELD STRENGTH = 80 K.S.I.
- METAL DECK SHALL BE ROLLED OF STEEL SHEETS CONFORMING TO A.S.T.M. A653 GRADE A.
- DECKING MANUFACTURER SHALL COORDINATE SIZE AND LOCATION OF ROOF OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. PROVIDE FRAMING FOR OPENINGS PER TYPICAL DETAILS.

FOUNDATIONS:

DESIGN:

- THE FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE "SOILS AND FOUNDATION INVESTIGATION" BY KEVIN L. PATTON.
- BACKFILLING:
  - DO NOT BACKFILL BASEMENT WALLS AND GRADE BEAMS UNTIL BRACING FLOORS ARE IN PLACE OR ADEQUATE TEMPORARY BRACING IS INSTALLED.
  - WHERE FOUNDATION WALLS ARE TO HAVE EARTH PLACED ON EACH SIDE, PLACE FILL SIMULTANEOUSLY SO AS TO MAINTAIN A COMMON ELEVATION ON EACH SIDE OF THE WALL.
  - BACKFILL UNDER FOUNDATIONS WITH CONCRETE OR AS APPROVED BY GEOTECHNICAL ENGINEER.

SPREAD FOOTINGS:

- FOOTINGS SHALL BEAR ON APPROVED COMPACTED FILL CAPABLE OF SUSTAINING A NET BEARING PRESSURE OF 3.0 K.S.F. UNDER FULL SERVICE LIVE AND DEAD LOAD.
- TOP OF FOOTING (T/F) ELEVATIONS ARE SHOWN ON THE PLANS.
- FOOTINGS SHALL NOT BE POURED INTO AN EARTH-FORMED TRENCH U.N.O..
- ALL BEARING MATERIAL SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONCRETE PLACEMENT. THE GEOTECHNICAL ENGINEER SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL. FOOTING ELEVATIONS SHALL BE ADJUSTED AS REQUIRED.
- BOTTOM OF EXTERIOR FOOTINGS SHALL BEAR A MINIMUM OF 48" BELOW FINAL GRADE FOR FROST PROTECTION.
- SLIDING RESISTANCE (ALLOWABLE LOADS):
  - COEFFICIENT OF SLIDING FRICTION = 0.35
  - PASSIVE PRESSURE = 200 P.S.F./FT
- SLAB-ON-GRADE HAVE BEEN DESIGNED USING A SUBGRADE MODULUS OF 175 P.C.I.

STEEL JOISTS:

- STEEL JOISTS SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH "S.J.I." SPECIFICATIONS (LATEST EDITION).
- BRIDGING SHALL BE SPACED IN ACCORDANCE WITH S.J.I. SPECIFICATIONS AND THE ERECTION DRAWINGS OF THE JOIST SUPPLIER. STEEL JOIST BRIDGING SHALL BE PLACED AND JOIST ENDS FIXED PRIOR TO THE APPLICATION OF ANY LOADS. JOIST SUPPLIER SHALL PROVIDE ALL BRIDGING NECESSARY TO ADEQUATELY BRACE THE JOIST TOP CHORD WHERE ROOF CONSTRUCTION IS INSUFFICIENT.
- MINIMUM BEARING REQUIREMENTS, UNLESS NOTED OTHERWISE:

K SERIES: 2 1/2" ON STRUCTURAL STEEL, 4" ON CONCRETE OR MASONRY  
LH AND DLH SERIES: 4" ON STRUCTURAL STEEL, 6" ON CONCRETE, OR MASONRY
- UNLESS NOTED OTHERWISE, JOISTS SHALL BE ATTACHED TO SUPPORTING STEEL WORK AT MINIMUM AS FOLLOWS:

K / KCS / E SERIES: TWO 1/8" FILLET WELDS (ONE EACH SIDE) 2 1/2" LONG OR EQUIVALENT.  
LH SERIES (TOP CHORD ANGLE LEG LESS THAN OR EQUAL TO 2 1/2"): TWO 3/16" FILLET WELDS (ONE EACH SIDE) 1/2" LONG OR EQUIVALENT.  
LH / DLH SERIES (TOP CHORD ANGLE LEG LESS THAN OR EQUAL TO 3 1/2"): TWO 1/4" FILLET WELDS (ONE EACH SIDE) 2 1/2" LONG OR EQUIVALENT.  
LH / DLH SERIES (TOP CHORD ANGLE LEG GREATER THAN OR EQUAL TO 4"): TWO 1/4" FILLET WELDS (ONE EACH SIDE) 4" LONG OR EQUIVALENT.  
JOIST GIRDERS: TWO 5/16" FILLET WELDS (ONE EACH SIDE) 4" LONG OR EQUIVALENT.
- JOISTS, AT COLUMN CENTERLINES, SHALL BE BOLTED TO STRUCTURAL STEEL BEAMS PER S.J.I. REQUIREMENTS.
- SEE DETAILS ON STRUCTURAL DRAWINGS FOR ATTACHMENT OF JOISTS TO CONCRETE AND MASONRY.
- BRIDGING THAT TERMINATES AT, OR IS INTERRUPTED BY, STRUCTURAL STEEL BEAMS, SHALL BE ATTACHED THERETO BY FIELD WELDING OR BOLTING. SEE DRAWINGS FOR DETAIL OF ATTACHMENT OF BRIDGING TO CONCRETE OR MASONRY.
- JOISTS SHALL BE STOCKPILED AT THE JOBSITE IN A VERTICAL POSITION, RESTING ON THEIR TOP OR BOTTOM CHORDS, AND SHALL BE ADEQUATELY SUPPORTED WITH WOOD BLOCKING. KEEP JOISTS FREE OF MUD AND DIRT.
- IT SHALL BE THE ERECTOR'S RESPONSIBILITY TO SEE THAT JOISTS WHICH ARE DAMAGED, KINKED, BENT, OR WITH BROKEN WELDS, ARE NOT PLACED IN THE STRUCTURE.
- JOIST SUPPLIER SHALL DESIGN JOISTS AND SUBMIT CALCULATIONS, STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER IN THE STATE OF THE PROJECT FOR RECORD COPY TO BUILDING DEPARTMENT AND ENGINEER OF RECORD PRIOR TO FABRICATION OF JOISTS. THE ABOVE CALCULATIONS TO INCLUDE ALL LOADING CONDITIONS SHOWN ON THE DRAWINGS AND DETAILS.
- JOIST ENDS, AT ROOF DIAPHRAGM BOUNDARIES, SHALL BE CAPABLE OF TRANSMITTING THE BOUNDARY SHEAR TO THE SUPPORTING STRUCTURE. SEE DETAILS.
- THE JOIST DESIGN AND BRIDGING PLACEMENT SHALL BE CHECKED BY THE JOIST MANUFACTURER USING THE NET UPLIFT SPECIFIED ON THE DRAWINGS. CHANGES IN JOIST SIZE AND/OR BRIDGING PLACEMENT WILL SHOW UP ON THE SHOP DRAWINGS.
- LOCATE PIPE AND EQUIPMENT HANGERS AND OTHER CONCENTRATED LOADS ONLY WHERE LOADS ARE SHOWN ON JOIST SHOP DRAWINGS. ATTACHMENT METHOD AS APPROVED BY JOIST MANUFACTURER.
- ALL HOLES IN SUPPORTING STEEL PROVIDED FOR JOIST ERECTION SHALL BE "FILLED" WITH APPROPRIATE DIAMETER BOLT OR PLUG WELDED. HOLES IN SUPPORTING STEEL SHALL NOT BE SLOTTED.

REINFORCED MASONRY:

- NOTES APPLY TO MASONRY SHOWN ON STRUCTURAL DRAWINGS AND SHALL BE THE MINIMUM REQUIREMENTS FOR MASONRY SHOWN ON THE ARCHITECTURAL DRAWINGS.
- CONCRETE MASONRY:
  - COMPRESSIVE STRENGTH OF MASONRY, PRISM STRENGTH F<sub>m</sub> = 1500 P.S.I.
  - CONCRETE MASONRY UNITS:

A.S.T.M. C90  
NORMAL WEIGHT (135 P.C.F.), 2 CELL UNITS
  - GROUT:

A.S.T.M. C476  
STRENGTH AT 28 DAYS = 100% OF F<sub>m</sub>, 2500 P.S.I. MINIMUM
  - MORTAR:

A.S.T.M. C270  
TYPE - M, AT EXTERIOR WALLS BELOW GRADE, HYDRATED LIME REQUIRED  
TYPE - M OR S, AT EXTERIOR WALLS ABOVE GRADE, HYDRATED LIME REQUIRED  
TYPE - S, AT INTERIOR WALLS, HYDRATED LIME REQUIRED
- REINFORCED MASONRY REQUIRES CONTINUOUS SPECIAL INSPECTION - SEE SPECIFICATIONS AND SPECIAL INSPECTION TABLES.
- REINFORCING: BARS SHALL CONFORM TO A.S.T.M. A615, GRADE 60, UNLESS NOTED ON DRAWINGS. WIRES SHALL CONFORM TO A.S.T.M. A951
- DOWELS FROM C.I.P. CONCRETE SHALL MATCH THE VERTICAL REINFORCEMENT IN THE WALL ABOVE UNLESS NOTED OTHERWISE. SUCH DOWELS SHALL BE FURNISHED BY THE CONCRETE CONTRACTOR.
- WHEN A FOUNDATION DOWEL DOES NOT LINE UP WITH A VERTICAL BLOCK CORE, IT SHALL NOT BE SLOPED MORE THAN ONE HORIZONTAL IN 6 VERTICAL. DOWELS MAY BE GROUTED INTO A CELL IN VERTICAL ALIGNMENT, EVEN THOUGH IT IS IN AN ADJACENT CELL TO THE VERTICAL WALL REINFORCING.
- SPLICED REINFORCING SHALL BE LAPPED 48 BAR DIAMETERS OR 24", WHICHEVER IS GREATER. SPLICED BARS SHALL BE WIRED TOGETHER. \*\*\*GENERATE NEW LAPS BASED ON ACI 530-08 (EQ2-12) AND NEWER, USE FM AND OTHER PROJECT REQUIREMENTS.
- VERTICAL BARS SHALL BE HELD IN POSITION AT TOP AND BOTTOM AND AT INTERVALS NOT EXCEEDING 192 DIAMETERS OF THE REINFORCING.
- VERTICAL REINFORCING BARS SHALL HAVE A MINIMUM CLEARANCE OF 3/4" FROM THE MASONRY OR ADJACENT BARS AND NOT LESS THAN ONE BAR DIAMETER BETWEEN BARS NOT SPLICED.
- VERTICAL GROUTING MAY BE EITHER "LOW LIFT" OR "HIGH LIFT" AT THE CONTRACTOR'S OPTION.
- VERTICAL CELLS THAT WILL BE GROUTED SHALL HAVE VERTICAL ALIGNMENT TO MAINTAIN A CONTINUOUS UNOBSTRUCTED CELL AREA NOT LESS THAN 2" x 3".
- GROUTING SHALL BE STOPPED 1/2" BELOW THE TOP OF A COURSE SO AS TO FORM A KEY AT THE POUR JOINT.
- GROUTING OF MASONRY BEAMS OVER OPENINGS SHALL BE DONE IN ONE CONTINUOUS OPERATION.
- ALL BOLTS, ANCHORS, ETC., INSERTED IN THE WALLS, SHALL BE GROUTED SOLID INTO POSITION.
- ALL HORIZONTAL REINFORCING (JOINT REINFORCING AND REBAR) SHALL STOP AT CONTROL JOINTS.
- REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND DETAILS OF DOOR AND WINDOW OPENINGS FOR SPECIAL COURSING AND OTHER MASONRY DETAILS. THE INFORMATION SHOWN ON THE STRUCTURAL DRAWINGS IS INTENDED TO DEFINE THE STRUCTURAL REQUIREMENT ONLY.
- MINIMUM WALL REINFORCING UNLESS NOTED OTHERWISE:

NOMINAL WALL THICKNESS 8"	VERTICAL REINFORCING #5@24"O.C. MID.	HORIZONTAL JOINT REINFORCING 9 GA. E.F. @ 16"O.C.	BOND BEAM REINFORCING 2-#5
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PROVIDE BOND BEAMS AT: BASE OF WALL, SILL LINES, BOTTOM EDGE OF OPENINGS (EXTEND MINIMUM OF 2'-0" PAST OPENING), TOP OF WALLS, FLOOR LINES, ROOF LINES, TOP OF PARAPETS, AND AT 10'-0"O.C. MAXIMUM BETWEEN. BOND BEAM SHALL BE CONTINUOUS UNLESS NOTED OTHERWISE.

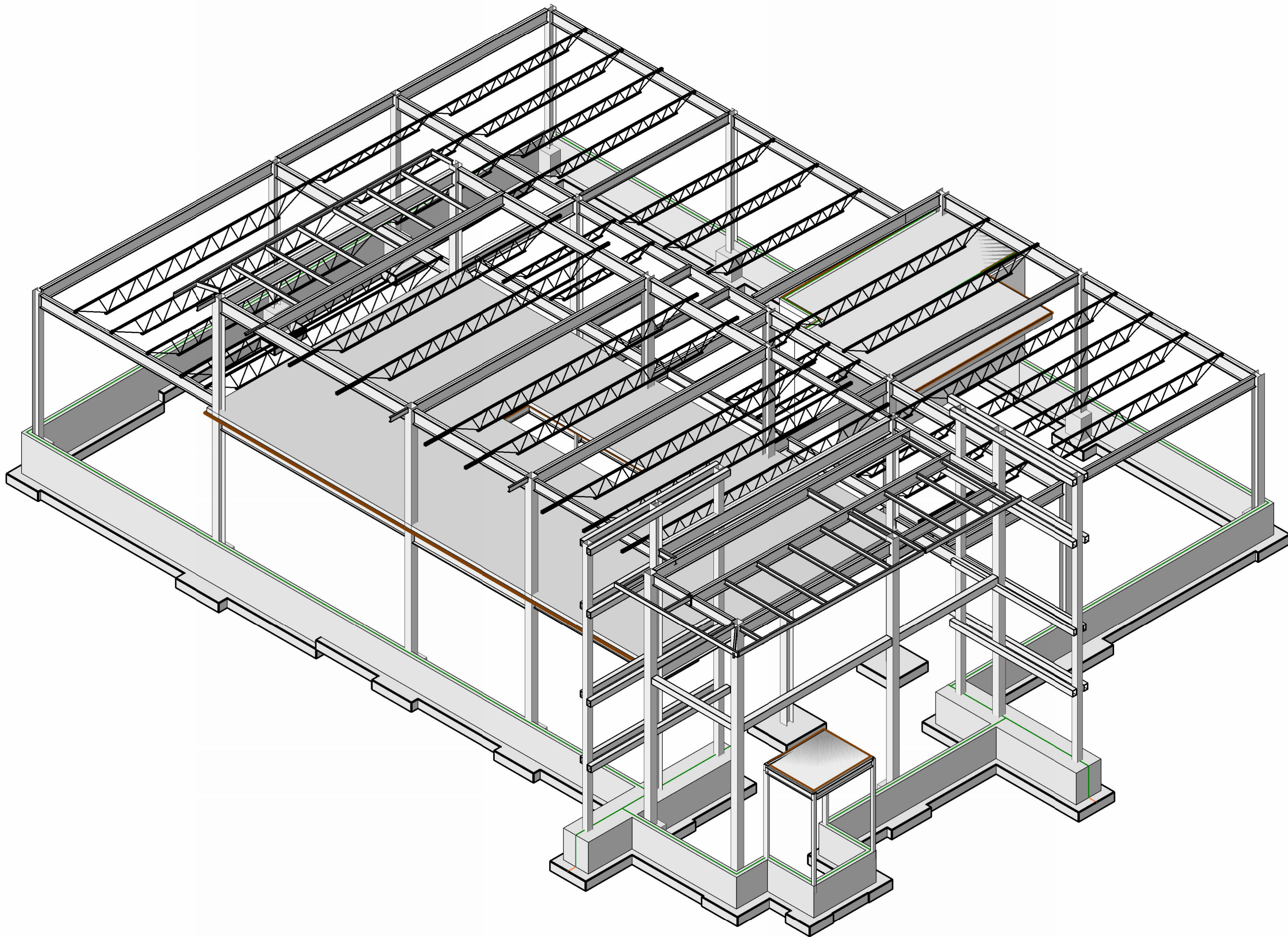
HORIZONTAL JOINT REINFORCING: WIRE LADDER TYPE @ 16"O.C., UNLESS NOTED OTHERWISE, PROVIDE HORIZONTAL JOINT REINFORCING @ 8"O.C. AT STACK BOND LOCATIONS.

SEE TYPICAL DETAILS FOR LINTEL SCHEDULE OVER OPENINGS.

- PROVIDE VERTICAL WALL REINFORCING, SAME SIZE AS ADJACENT BAR, AT: CORNERS, ENDS, JAMBS, EACH SIDE OF OPENING, AND EACH SIDE OF CONTROL AND EXPANSION JOINTS.
- CONTINUE VERTICAL REINFORCING FLOOR TO FLOOR (OR ROOF) AND EXTEND TO TOP OF PARAPET.
- CONTINUE REINFORCING THROUGH CONSTRUCTION JOINTS, AND AROUND CORNERS UNLESS NOTED OTHERWISE.
- PROVIDE STANDARD HOOKS ON BARS TERMINATING INTO MASONRY FACE: IN WALLS AT OPENINGS, HEADS, JAMBS, EXPANSION JOINTS, ENDS; IN BEAMS AT TOP, BOTTOM, AND ENDS
- SPLICE CONTINUOUS TOP BARS AT MID SPAN AND BOTTOM BARS OVER SUPPORT. SPLICE VERTICAL REINFORCING AT FLOOR OR ROOF LINES.
- COORDINATE BLOCK-OUTS, REVEALS, HOLES, OPENINGS, AND BUILT IN ITEMS WITH ALL CONTRACT DOCUMENTS AND TRADES.
- GROUT CELLS SOLID AT: REINFORCING, BOND BEAMS, INSERTS, ANCHORS, ELEVATOR GUIDE RAILS, AND 24" BELOW BEARING POINT OF STEEL SECTIONS AND 12" TO EACH SIDE.
- PROVIDE SHOP DRAWINGS WITH WALL ELEVATIONS SHOWING REINFORCING, OPENINGS, AND POCKETS.
- ALL BEAMS BEARING ON MASONRY SHALL BEAR ON 12"x 6 1/2"x 1'-4" BEARING PLATE w/ (2) 1/2" DIA. x 5' LG. HEADED STUDS U.N.O. PROVIDE 2" DIA. HOLE IN BEARING PLATES - VIBRATE GROUT AFTER PLACEMENT OF PLATE. WELD BEAM TO BEARING PLATE w/ 1/4" x 2" LONG FILLET WELD EACH SIDE.

DEFERRED SUBMITTALS:

- THE FOLLOWING PROJECT COMPONENTS REQUIRE DESIGN TO BE PROVIDED BY A QUALIFIED PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF THE PROJECT:
  - CONNECTION DESIGN FOR BRACED FRAMES, MOMENT CONNECTIONS, COLLECTOR BEAMS AND TYPICAL SHEAR CONNECTIONS.
  - STEEL STAIR CALCULATIONS AND DETAILS.
  - STEEL LADDER CALCULATIONS AND DETAILS.
  - PREFABRICATED METAL BUILDING DESIGN AND CALCULATIONS FOR CANOPIES.
  - STEEL JOIST AND JOIST GIRDER CALCULATIONS AND DESIGN.



1 {3D}  
S002

MISCELLANEOUS:

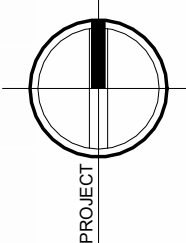
- STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
- NO OPENING SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.
- NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.
- OPENINGS 1'-4" AND LESS ON A SIDE ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SUCH OPENINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
- THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES.
- UNLESS OTHERWISE NOTED, FIRE PROOFING METHODS AND MATERIALS FOR STRUCTURAL MEMBERS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FIRE RATING REQUIREMENTS, FIRE PROOFING METHODS AND MATERIALS.
- DO NOT SCALE THESE DRAWINGS, USE DIMENSIONS.
- CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD. EXPANSION JOINTS SHOWN ON THE DRAWINGS HAVE BEEN DESIGNED TO ACCOMMODATE ANTICIPATED THERMAL MOVEMENT AFTER THE BUILDING IS COMPLETE.
- THE CONTRACTOR SHALL INFORM THE ARCHITECT IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR SUCH DEVIATION BY THE ARCHITECT'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS HE HAS SPECIFICALLY INFORMED THE ARCHITECT OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
- ALL THINGS WHICH, IN THE OPINION OF THE CONTRACTOR, APPEAR TO BE DEFICIENCIES, OMISSIONS, CONTRADICTIONS, OR AMBIGUITIES, IN THE PLANS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. PLANS AND/OR SPECIFICATIONS WILL BE CORRECTED, OR WRITTEN INTERPRETATION OF THE ALLEGED DEFICIENCY, OMISSION, CONTRADICTION OR AMBIGUITY WILL BE MADE BY THE ARCHITECT BEFORE THE AFFECTED WORK PROCEEDS.
- CHECK ALL DIMENSIONS AGAINST REQUIREMENTS OF OTHER CONTRACT DOCUMENTS. FIELD VERIFY DIMENSIONS RELATING TO EXISTING CONDITIONS PRIOR TO ORDERING MATERIALS AND FABRICATION.
- WHERE DIMENSIONS OR WEIGHTS OF EQUIPMENT OR SYSTEMS ARE VARIABLE FROM MANUFACTURER TO MANUFACTURER, VERIFY DIMENSIONS AND WEIGHTS SHOWN ON DRAWINGS WITH SELECTED MANUFACTURER PRIOR TO ORDERING MATERIALS. NOTIFY STRUCTURAL ENGINEER OF DISCREPANCIES.
- DO NOT PLACE EQUIPMENT WHEN SHIPPING OR OPERATING WEIGHT EXCEEDS WEIGHT INDICATED ON STRUCTURAL DRAWINGS.
- NO MODIFICATION, ALTERATION OR REPAIR SHALL BE MADE WITHOUT PRIOR REVIEW BY STRUCTURAL ENGINEER. SUBMIT DETAILS AND CALCULATIONS PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN STATE WHERE PROJECT IS LOCATED AND EMPLOYED BY CONTRACTORS.
- VERIFY ELEVATOR AND ESCALATOR PIT DIMENSIONS, LOCATIONS, LOADINGS AND DETAILS WITH SUPPLIERS PRIOR TO THE FABRICATION AND/OR INSTALLATION OF ANY MATERIAL.

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TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK

Drawing: **NOTES**



Project: 23321 Date: 2/24/2025

Drawn: Author Scale: AS NOTED

Drawing Number:

S002



- A. **A. SPECIAL INSPECTION**
- a. SPECIAL INSPECTION WILL BE IN ACCORDANCE WITH 2020 BUILDING CODE OF NEW YORK STATE (IBC 2018).
- b. SPECIAL INSPECTION IS REQUIRED OF MATERIALS, INSTALLATION, FABRICATION, ERECTION OR PLACEMENT OF COMPONENTS AND CONNECTIONS REQUIRING SPECIAL EXPERTISE TO ENSURE COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS.
- c. COORDINATE SCHEDULES WITH THE AGENCY PERFORMING SPECIAL INSPECTIONS TO INSURE AMPLE TIME IS AVAILABLE TO PERFORM THE REQUIRED TASKS.
- d. THE SPECIAL INSPECTOR SHALL PROVIDE REPORTS TO THE LOCAL BUILDING OFFICIAL, REGISTERED DESIGN PROFESSIONAL IN CHARGE, AND THE OWNER'S DESIGNATED REPRESENTATIVE. THESE REPORTS MUST BE IN COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE / IBC 2018. THE SPECIAL INSPECTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTOR IN WRITING OF NON-CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS, 2020 NYSBC / IBC 2018, OR OTHER VIOLATIONS OF THE APPLICABLE REFERENCED MATERIAL STANDARDS IN THE 2020 NYSBC / IBC 2018 WITHIN THE SCOPE OF THE SPECIAL INSPECTION REQUIREMENTS.
- e. THE SPECIAL INSPECTION AGENCY SHALL SUBMIT A FINAL REPORT TO THE BUILDING OFFICIAL, REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE, AND OWNER'S REPRESENTATIVE STATING WHETHER WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED, REPORTED, AND FOUND TO BE IN COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS, 2020 NYSBC / IBC 2018, AND THE APPLICABLE REFERENCED MATERIAL STANDARDS IN THE 2020 NYSBC / IBC 2018 CODE. FINAL REPORTS SHALL CATALOG ALL INSPECTION, TESTING, AND RELATED ENGINEER SIGNED REPORTS.
- B. **STRUCTURAL OBSERVATION**
- a. STRUCTURAL OBSERVATION IS THE VISUAL OBSERVATION OF THE STRUCTURAL SYSTEM BY A REGISTERED DESIGN PROFESSIONAL FOR GENERAL CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES AND AT COMPLETION OF THE STRUCTURAL SYSTEM. THESE OBSERVATIONS DO NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTION AS DEFINED BY SPECIAL INSPECTION.
- b. THE STRUCTURAL OBSERVER IS NOT INSPECTING FOR OSHA COMPLIANCE AND TEMPORARY CONSTRUCTION, SUCH AS BRACING, SHORING, MEANS AND METHODS, ETC.
- C. **COMMENTS:**
- a. PERIODIC SPECIAL INSPECTION: THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF WORK. (2020 NYSBC / IBC 2018)
- b. CONTINUOUS SPECIAL INSPECTION: THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE WORK IS BEING PERFORMED. (2020 NYSBC / IBC 2018)
- c. ITEMS NOT SHOWN MAY REQUIRE CONTINUOUS OR PERIODIC SPECIAL STRUCTURAL INSPECTION AT THE DISCRETION OF THE PROJECT MANAGER. ITEMS LISTED MAY REQUIRE ALTERNATE FREQUENCIES OF INSPECTION OTHER THAN SHOWN.
- d. WELDING OF REINFORCING STEEL IS NOT ACCEPTABLE UNLESS DIRECTED BY THE ENGINEER OF RECORD.

**SPECIAL INSPECTION:**

THE FOLLOWING STRUCTURAL ELEMENTS OF CONSTRUCTION SHALL REQUIRE SPECIAL INSPECTION PER N.Y.B.C. SECTION 1704. OWNER TO FURNISH INSPECTION UNLESS INSTRUCTED OTHERWISE BY THE CONSTRUCTION CONTRACT.

**NOTES:**

1. SPECIAL INSPECTION IS NOT A SUBSTITUTE FOR INSPECTION BY A COUNTY INSPECTOR. SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF THE COUNTY INSPECTOR IS SUBJECT TO REMOVAL OR EXPOSURE.
2. THE SPECIAL INSPECTORS MUST BE CERTIFIED BY THE COUNTY TO PERFORM THE TYPES OF INSPECTION SPECIFIED.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST ONE WORKING DAY PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION. ANY WORK PERFORMED WITHOUT REQUIRED SPECIAL INSPECTION IS SUBJECT TO REMOVAL.
4. SUBMIT WRITTEN REPORTS WITHIN TWO DAYS OF TESTING TO ARCHITECT, ENGINEER OF RECORD AND BUILDING OFFICIAL.

**MINIMUM QUALIFICATIONS FOR SPECIAL INSPECTORS**

REINFORCED CONCRETE	<div>1. CURRENT ICC REINFORCED CONCRETE SPECIAL INSPECTOR OR ACI CONCRETE CONSTRUCTION INSPECTOR.</div> <div>2. CONCRETE FIELD TESTING CAN BE BY AN ACI CONCRETE FIELD TESTING TECHNICIAN WITH GRADE 1 CERTIFICATION.</div> <div>3. ENGINEER-IN-TRAINING (EIT) WITH RELEVANT EXPERIENCE.</div> <div>4. PENNSYLVANIA STATE LICENSED PROFESSIONAL ENGINEER (P.E.) WITH RELEVANT EXPERIENCE.</div>
WELDING	<div>1. CURRENT AWS CERTIFIED WELDING INSPECTOR.</div> <div>2. CURRENT ICC STRUCTURAL STEEL AND WELDING CERTIFICATE PLUS ONE YEAR OF RELEVANT EXPERIENCE.</div> <div>3. CURRENT LEVEL II CERTIFICATION FROM THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING (NDT).</div> <div>4. CURRENT NDT LEVEL III PROVIDED PREVIOUSLY CERTIFIED AS NDT LEVEL II.</div>
HIGH-STRENGTH BOLTING & STEEL FRAME INSPECTION	<div>1. CURRENT ICC STRUCTURAL STEEL AND WELDING CERTIFICATION AND ONE YEAR OF RELEVANT EXPERIENCE.</div> <div>2. EIT WITH RELEVANT EXPERIENCE.</div> <div>3. P.E. WITH RELEVANT EXPERIENCE.</div>
MASONRY	<div>1. CURRENT ICC STRUCTURAL MASONRY CERTIFICATION AND ONE YEAR OF RELEVANT EXPERIENCE.</div> <div>2. EIT WITH RELEVANT EXPERIENCE.</div> <div>3. P.E. WITH RELEVANT EXPERIENCE.</div>
EXCAVATION AND FILLING; VERIFICATION OF SOILS.	<div>1. CURRENT LEVEL II CERTIFICATION IN GEOTECHNICAL ENGINEERING TECHNOLOGY/CONSTRUCTION FROM THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET).</div> <div>2. EIT WITH RELEVANT EXPERIENCE.</div> <div>3. P.E. WITH RELEVANT EXPERIENCE.</div>
INSPECTION OF FABRICATORS	<div>1. BAR JOIST: SEE WELDING REQUIREMENTS.</div> <div>2. STRUCTURAL STEEL: SEE WELDING REQUIREMENTS</div>
EXTERIOR AND INTERIOR ARCHITECTURAL WALL PANELS	<div>1. P.E. WITH RELEVANT EXPERIENCE.</div> <div>2. EIT WITH RELEVANT EXPERIENCE.</div> <div>3. SEE THE MASONRY REQUIREMENTS FOR THE SI OF MASONRY VENEERS SUBJECT TO BCNYS SECTION 1704.10.</div>
EXTERIOR INSULATION AND FINISH SYSTEM	<div>1. REGISTERED DESIGN PROFESSIONAL (RDP) WITH RELEVANT EXPERIENCE.</div> <div>2. EIT WITH RELEVANT EXPERIENCE</div>
SMOKE CONTROL	<div>1. THE RDP RESPONSIBLE FOR DESIGN.</div>
SEISMIC RESISTANCE	<div>1. SEE THE APPLICABLE CATEGORIES IN THIS TABLE.</div>

SOILS INSPECTIONS AND VERIFICATION	FREQUENCY	
	CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
3. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS.	-	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.	X	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X

FOUNDATION INSPECTIONS AND VERIFICATION SOILS - TABLE 1704.7	FREQUENCY	
	CONTINUOUS	PERIODIC
1. VERIFY SUBGRADE MATERIALS BELOW THE FOOTING FOR DESIGN BEARING CAPACITY.		X
2. VERIFY DEPTH OF EXCAVATION AND TYPE OF SUBGRADE MATERIALS REACHED.		X
3. PERFORM CLASSIFICATION AND COMPACTION TESTING OF CONTROLLED BACKFILL MATERIALS.		X
4. VERIFY MATERIALS USED, LAYERED THICKNESSES AND COMPACTION OF BACK FILLS.	X	
5. VERIFY THE SUBGRADE AND SITE PREPARATIONS FOR CONTROLLED FILL.		X
6. COMPLIANCE WITH REQUIRED PROVISIONS OF THE GEOTECHNICAL REPORT AND CONSTRUCTION DOCUMENTS.		X

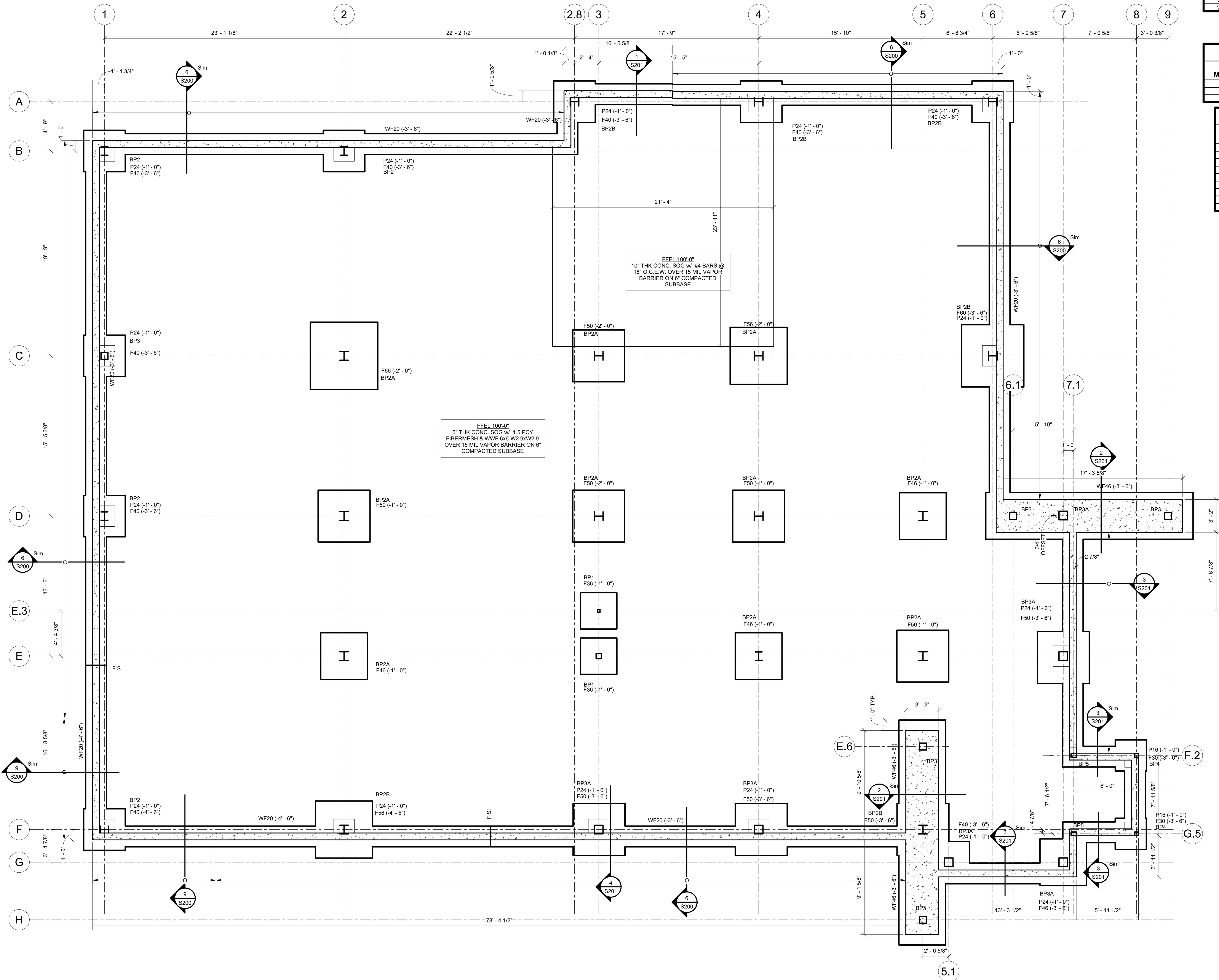
CONCRETE INSPECTIONS AND VERIFICATION (TABLE 1704.4)	FREQUENCY	
	CONTINUOUS	PERIODIC
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.		X
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE FOR STRUCTURAL STEEL INSPECTION, ITEM 5B.	X	
3. INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED.	X	
4. VERIFYING USE OF REQUIRED DESIGN MIX.		X
5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	
6. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		X
8. ERECTION OF PRECAST CONCRETE MEMBERS.		X
9. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		X
10. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		X
ERECTION OF PRECAST CONCRETE MEMBERS.		
11. VERIFY SUBMITTAL OF CERTIFIED MILL TEST REPORTS FOR EACH SHIPMENT OF REINFORCING STEEL USED TO RESIST FLEXURAL, SHEAR AND AXIAL FORCES IN REINFORCED CONCRETE INTERMEDIATE FRAMES, SPECIAL MOMENT FRAMES AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE OR REINFORCED MASONRY SHEAR WALLS.		X
12. TEST ASTM A 615 REINFORCING STEEL IS USED TO RESIST EARTHQUAKE INDUCED FLEXURAL AND AXIAL FORCES IN SPECIAL MOMENT FRAMES AND IN WALL BOUNDARY ELEMENTS OF SHEAR WALLS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY D, E OR F, PER ACI 318.		X
13. TEST ASTM A 615 REINFORCING STEEL THAT IS TO BE WELDED, CHEMICAL TESTS SHALL BE PERFORMED TO DETERMINE WELDABILITY IN ACCORDANCE WITH SECTION 3.5.2 OF ACI 318		X
14. INSTALLATION OF (CHEMICAL / EPOXY) ADHESIVE ANCHORS, RODS AND DOWELS	X	
15. INSTALLATION AND TORQUE TESTING EXPANSION ANCHORS	X	

STRUCTURAL STEEL INSPECTIONS AND VERIFICATION (TABLE 1704.3)	FREQUENCY	
	CONTINUOUS	PERIODIC
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS: TO ACHIEVE THE DESIGN BEARING CAPACITY.		X
a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.		X
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.		X
2. INSPECTION OF HIGH-2. STRENGTH BOLTING:		
a. BEARING-TYPE CONNECTIONS. (SNUG TIGHT JOINTS)		X
b. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION.	X	X
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND COLD - FORMED DECK		
a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.		X
b. MANUFACTURERS' CERTIFIED MILL TEST REPORTS.		X
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:		
a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.		X
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.		X
5. INSPECTION OF WELDING:		
a. STRUCTURAL STEEL AND COLD - FORMED STEEL DECK		
1.) COMPLETE AND PARTIAL PENETRATION GROOVE WELDS.	X	
2.) MULTI-PASS FILLET WELDS.	X	
3.) SINGLE-PASS FILLET WELDS > 5/16"	X	
4.) SINGLE-PASS FILLET WELDS ≤ 5/16"		X
5.) FLOOR AND ROOF DECK WELDS.		X
6.) WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGM.		X
7.) WELDED SHEET STEEL FOR COLD-FORMED STEEL MEMBERS.		X
8.) WELDING OF STAIRS AND RAILING SYSTEM.		X
b. REINFORCING STEEL:		
1.) VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706.		X
2.) REINFORCING STEEL-RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.	X	
3.) SHEAR REINFORCEMENT.	X	
4.) OTHER REINFORCING STEEL.		X
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS:		
a. DETAILS SUCH AS BRACING AND STIFFENING.		X
b. MEMBER LOCATIONS.		X
c. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.		X
7. INSPECTION OF FABRICATORS: REVIEW PLANT OPERATIONS AND QUALITY CONTROL PROCEDURES.		
8. INSPECTION OF FLOOR AND ROOF DECK ATTACHMENT.		X
9. INSPECTION OF STEEL JOIST AND JOIST GIRDER INSTALLATION AND ATTACHMENT TO SUPPORTS, INCLUDING BRIDGING AND ACCESSORIES.		X
10. COMPLIANCE WITH CONSTRUCTION DOCUMENTS AND APPROVED SUBMITTALS SHALL BE VERIFIED WITH SETS USED IN THE FIELD.		
INSPECTION OF FLOOR AND ROOF DECK ATTACHMENT.		
11. THE TESTING SHALL BE AS REQUIRED BY AISC 341.	-	-
12. BASE METAL THICKER THAN 1.5 INCHES (38 MM), WHERE SUBJECT TO THROUGH-THICKNESS WELD SHRINKAGE STRAINS, SHALL BE ULTRASONICALLY TESTED FOR DISCONTINUITIES BEHIND AND ADJACENT TO SUCH WELDS AFTER JOINT COMPLETION.	-	-
THE ACCEPTANCE CRITERIA FOR NONDESTRUCTIVE TESTING SHALL BE AS REQUIRED IN AWS D1.1 AS SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL. ANY MATERIAL DISCONTINUITIES SHALL BE ACCEPTED OR REJECTED ON THE BASIS OF ASTM A 435 OR ASTM A 898 (LEVEL 1 CRITERIA) AND CRITERIA AS ESTABLISHED BY THE REGISTERED DESIGN PROFESSIONAL(S) IN RESPONSIBLE CHARGE AND THE CONSTRUCTION DOCUMENTS.		
13. CONTINUOUS SPECIAL INSPECTION IS REQUIRED FOR STRUCTURAL WELDING IN ACCORDANCE WITH AISC 341.	X	
14.		



REVISIONS:		
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<div><div></div><div>KEY PLAN</div></div>		
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Project: POLICE STATION TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK		
Drawing: SPECIAL INSPECTIONS		
<div><div></div><div><div>Project: 23321</div><div>Date: 2/24/2025</div><div>Drawn: RMH</div><div>Scale: AS NOTED</div><div>Drawing Number:</div></div><div>S003</div></div>		





FOOTING SCHEDULE					
TYPE	LENGTH	WIDTH	THICKNESS	TRANS. REINF.	LONG. REINF.
F30	3'-0"	3'-0"	1'-0"	(3)#4	(3)#4
F36	3'-6"	3'-6"	1'-0"	(5)#5	(5)#5
F40	4'-0"	4'-0"	1'-0"	(5)#5	(5)#5
F46	4'-6"	4'-6"	1'-0"	(5)#5	(5)#5
F50	5'-0"	5'-0"	1'-0"	(5)#5	(5)#5
F56	5'-6"	5'-6"	1'-0"	(6)#6	(6)#6
F60	6'-0"	6'-0"	1'-0"	(6)#6	(6)#6
F66	6'-6"	6'-6"	1'-0"	(7)#6	(7)#6
WF20	<varies>	2'-0"	1'-0"	#4@18" O.C.	(3)#4
WF46	<varies>	4'-6"	1'-0"	#5@12" O.C.	#5@12" O.C.

PIER SCHEDULE			
MARK	DIMENSIONS	VERT. REINF.	TIES
P16	1'-4"x1'-4"	(4)#6	#4@3" O.C. TOP 12" 12" O.C. REMAINDER
P24	2'-0"x2'-0"	(10)#6	#4@3" O.C. TOP 12" 12" O.C. REMAINDER

BASE PLATE SCHEDULE			
BASE PLATE	DIMENSIONS	ANCHOR BOLTS	NOTES
BP1	3/4"x1'-0"x1'-0"	(4)-3/4" DIA. W/ 9" EMBED.	
BP2	3/4"x1'-4"x1'-4"	(4)-3/4" DIA. W/ 12" EMBED.	
BP2A	1"x1'-5"x1'-5"	(4)-3/4" DIA. W/ 9" EMBED.	
BP2B	1"x1'-5"x1'-5"	(4)-1" DIA. W/ 18" EMBED.	
BP3	3/4"x1'-2"x1'-2"	(4)-3/4" DIA. W/ 12" EMBED.	
BP3A	3/4"x1'-5"x1'-5"	(4)-1" DIA. W/ 18" EMBED.	
BP4	3/4"x1'-0"x1'-0"	(4)-3/4" DIA. W/ 12" EMBED.	
BP5	SEE DETAIL	(4)-3/4" DIA. W/ 12" EMBED.	

- FOUNDATION PLAN NOTES:
- FINISHED FLOOR ELEVATION 100'-0" (DATUM ELEVATION 422.00' ON CIVIL DRAWINGS)
  - REINFORCE 5" THICK SLAB ON GRADE w/ WWF 6x6-W2.9xW2.9. PROVIDE 6" THICK COMPACTED CRUSHED STONE SUBBASE. SEE MECHANICAL PLAN FOR LOCATIONS OF SUMP PITS AND FLOOR DRAINS.
  - SEE ARCHITECTURAL PLAN FOR ALL RECESSED FLOOR LOCATIONS.
  - PROVIDE 15 MIL VAPOR BARRIER BELOW SLAB.
- XX' INDICATES FOOTING DESIGNED TO BEAR ON SOIL
- PXX (-X-XX') INDICATES PIER TYPE (SEE SCHEDULE) & TOP OF PIER ELEVATION REFERENCED FROM FFEL
- FX (-X-XX') INDICATES FOOTING TYPE (SEE SCHEDULE) & TOP OF FOOTING ELEVATION REFERENCED FROM FINISHED FLOOR ELEVATION
- S.J. INDICATES SLAB JOINT
- BPX INDICATES STEEL COLUMN BASEPLATE SEE SCHEDULE FOR SIZE & ANCHOR BOLTS
- F.S. INDICATES FOOTING STEP SEE TYPICAL DETAIL
- W.S. WALL STEP [X-X'] INDICATES TOP OF WALL ELEVATION

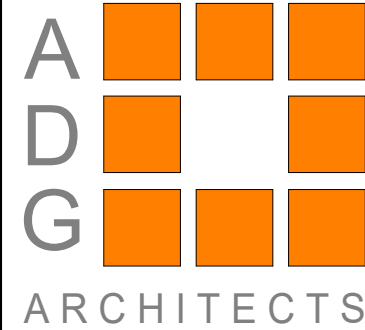
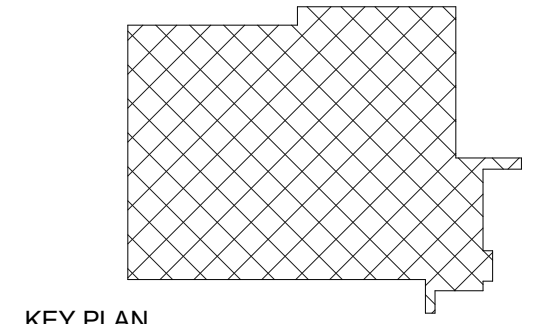
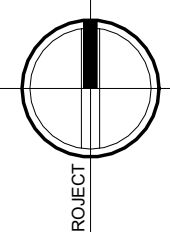
NOTES - FOUNDATION  
1/4" = 1'-0"

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Project: POLICE STATION  
TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK

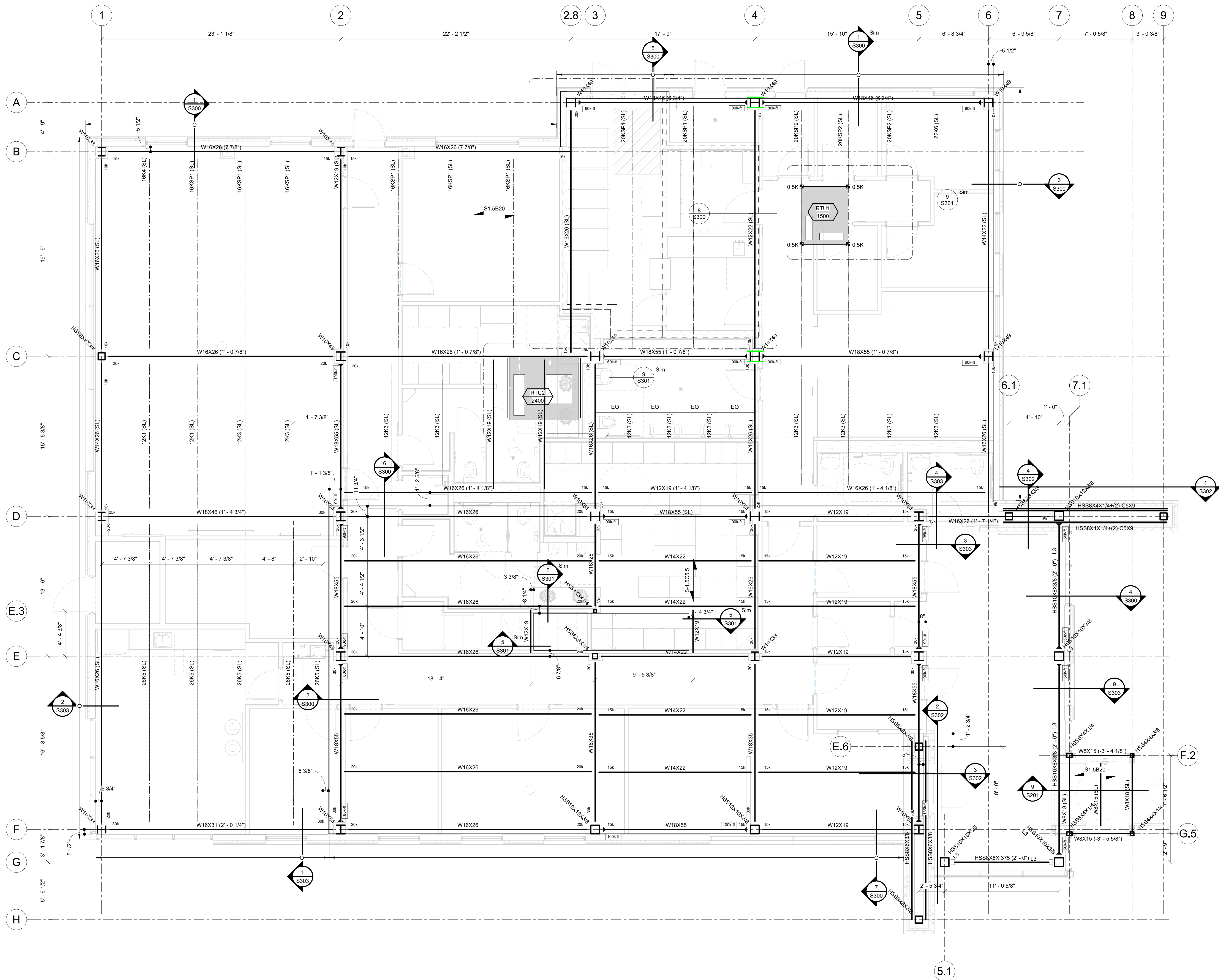
Drawing: FOUNDATION



Project: 23321 Date: 2/24/2025  
Drawn: VAG Scale: AS NOTED  
Drawing Number:

S100





- INDICATES COL. WEB STIFFENER REQUIRED
- INDICATES MOMENT CONNECTION SEE TYP. DETAIL
- INDICATES CATEGORY OF AESS FINISHING
- INDICATES TO DESIGN BEAM CONNECTION FOR AXIAL LOAD SHOWN
- INDICATES TORSION RESTRAINT AT BEAM END. SEE TYP. DETAIL
- INDICATES 1 1/2" DEEP 20 GAGE COMPOSITE DECK W/ 4" N.W. CONCRETE TOPPING (5 1/2" TOTAL) W/ WWF-6x6-W2.9xW2.9
- INDICATES 1 1/2" DEEP 20 GAGE TYPE B ROOF DECK. CONN. TO STEEL W/ 5/8" DIA. PUDDLE WELDS 3/64 PATTERN. SPACE 8" AT EDGES AND PROVIDE (4x10) SIDELAP SCREWS
- DESIGN SHEAR REACTION
- XXX JOIST CONC. LOAD
- DESIGN AXIAL LOAD
- INDICATES DISTANCE FROM BEAM CENTERLINE TO EDGE OF DECK/FACE OF BENT PLATE OR ANGLE

- ALL REACTIONS SHOWN ARE FACTORED USING STRENGTH DESIGN IN ACCORDANCE ASCE 7-16
- ALL TOP OF STEEL ELEVATIONS REFERENCED FROM ELEVATION (113'-6 1/2")
- ALL BEAM ARE EQUALLY SPACED U.N.O.

NOTES-FLOOR/FRAMING  
1/4" = 1'-0"

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Project: POLICE STATION  
TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK

Drawing: LOW ROOF FRAMING

Project: 23321 Date: 2/24/2025  
Drawn: VAG Scale: AS NOTED  
Drawing Number:  
**S101**

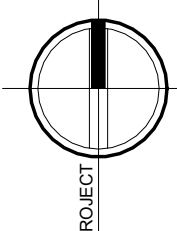


1 PLAN - LOW ROOF FRAMING  
1/4" = 1'-0"



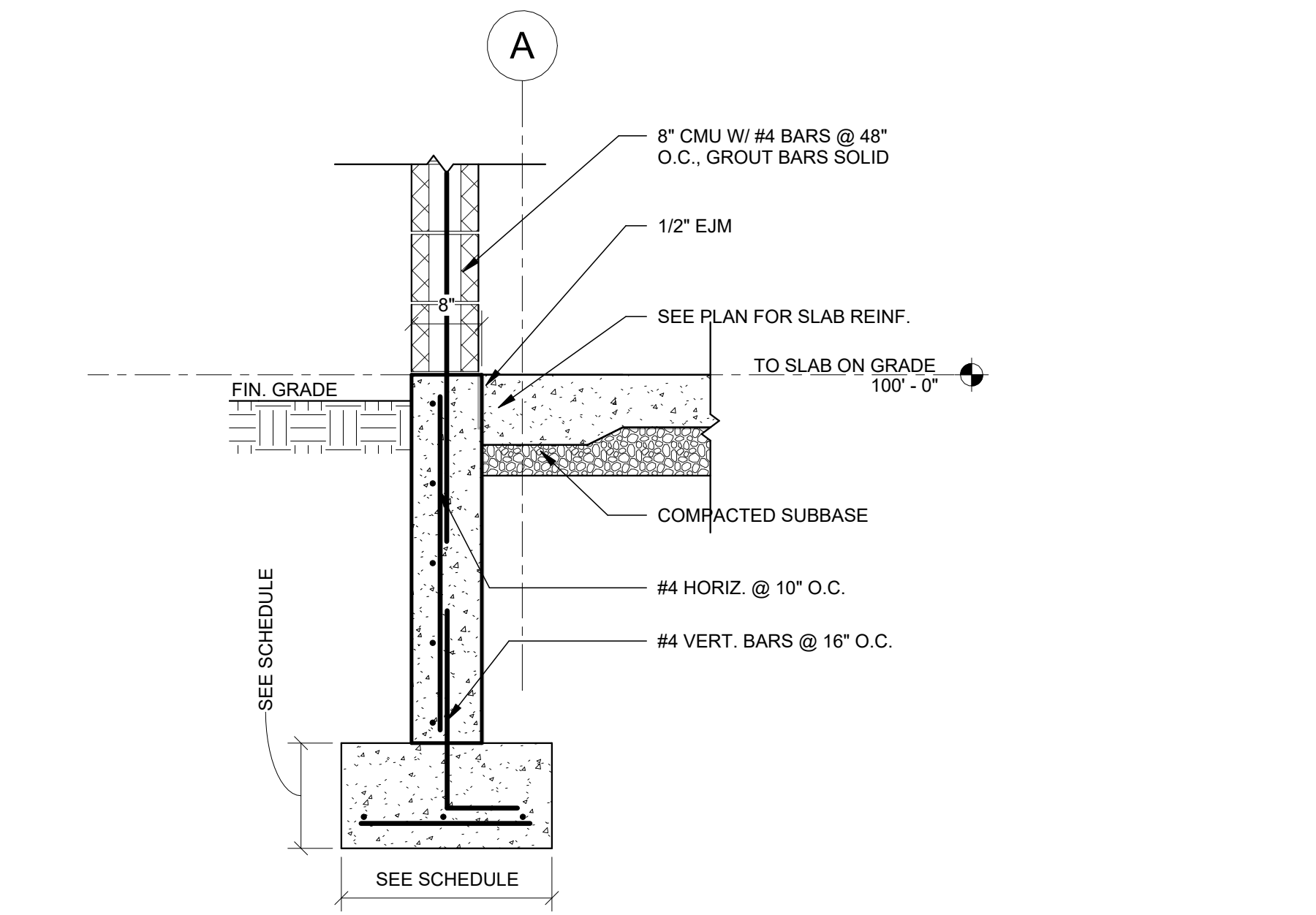




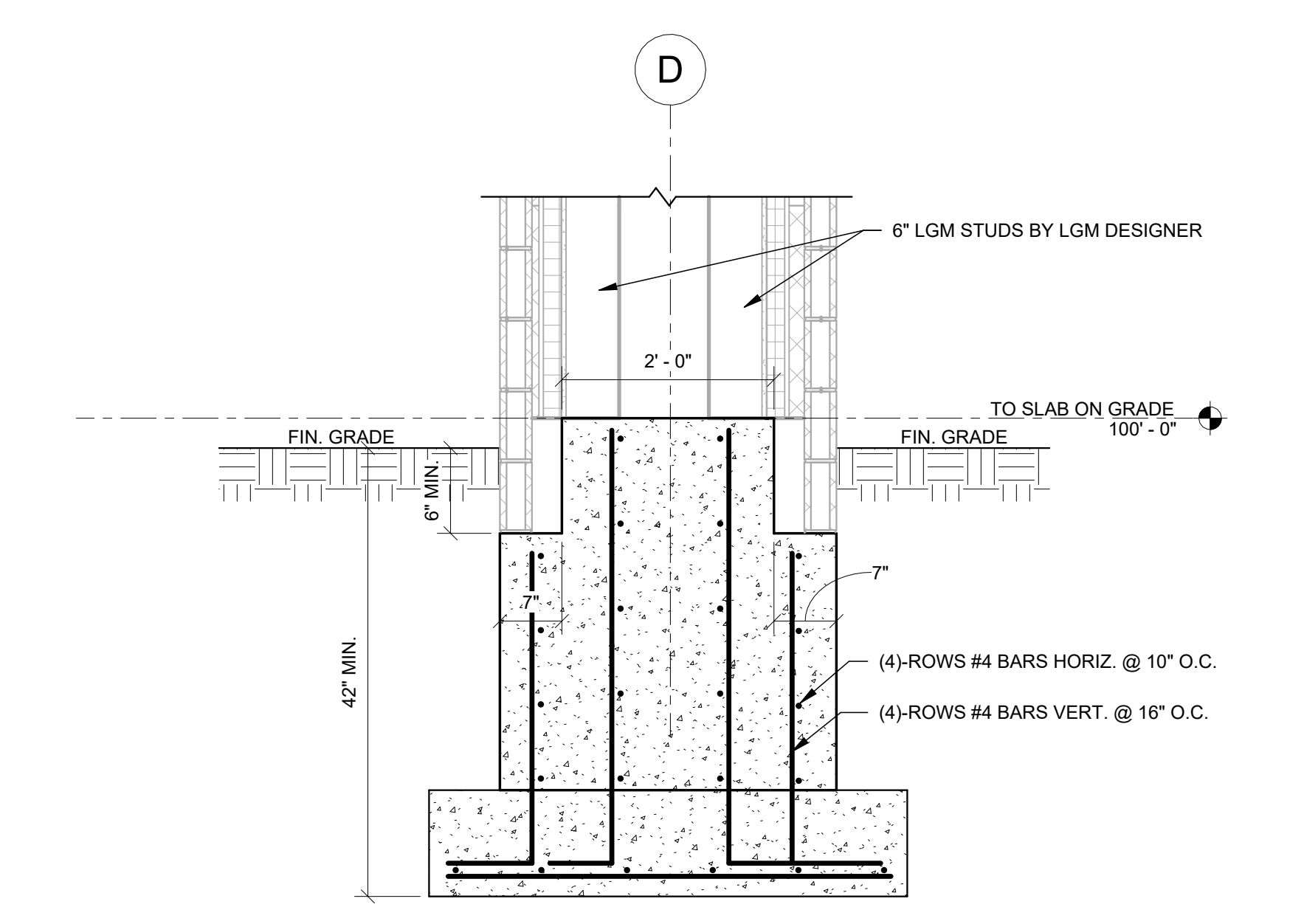


REVISIONS:		
NUM.	DATE	DESCRIPTION
<div>100%</div> <div>BID DOCUMENTS</div>		
	<div>KEY PLAN</div> <div>  WORK AREA         </div>	
<div> <div>A</div> <div>D</div> <div>G</div> <div>ARCHITECTS</div> </div>	<div>           25 WALLKILL AVE • MONTGOMERY • NY 12549            O. 845.294.2724   F. 888.305.6442         </div> <div>           WWW.ADGARCHITECT.COM            CONTACT@ADGARCHITECT.COM         </div> <div>           ARCHITECTURE • PLANNING • INTERIOR         </div>	
Project: <b>POLICE STATION</b> TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK		
Drawing: <b>FOUNDATION DETAILS</b>		
	Project: 23321	Date: 2/24/2025
	Drawn: Author	Scale: AS NOTED
	Drawing Number: <div>S200</div>	

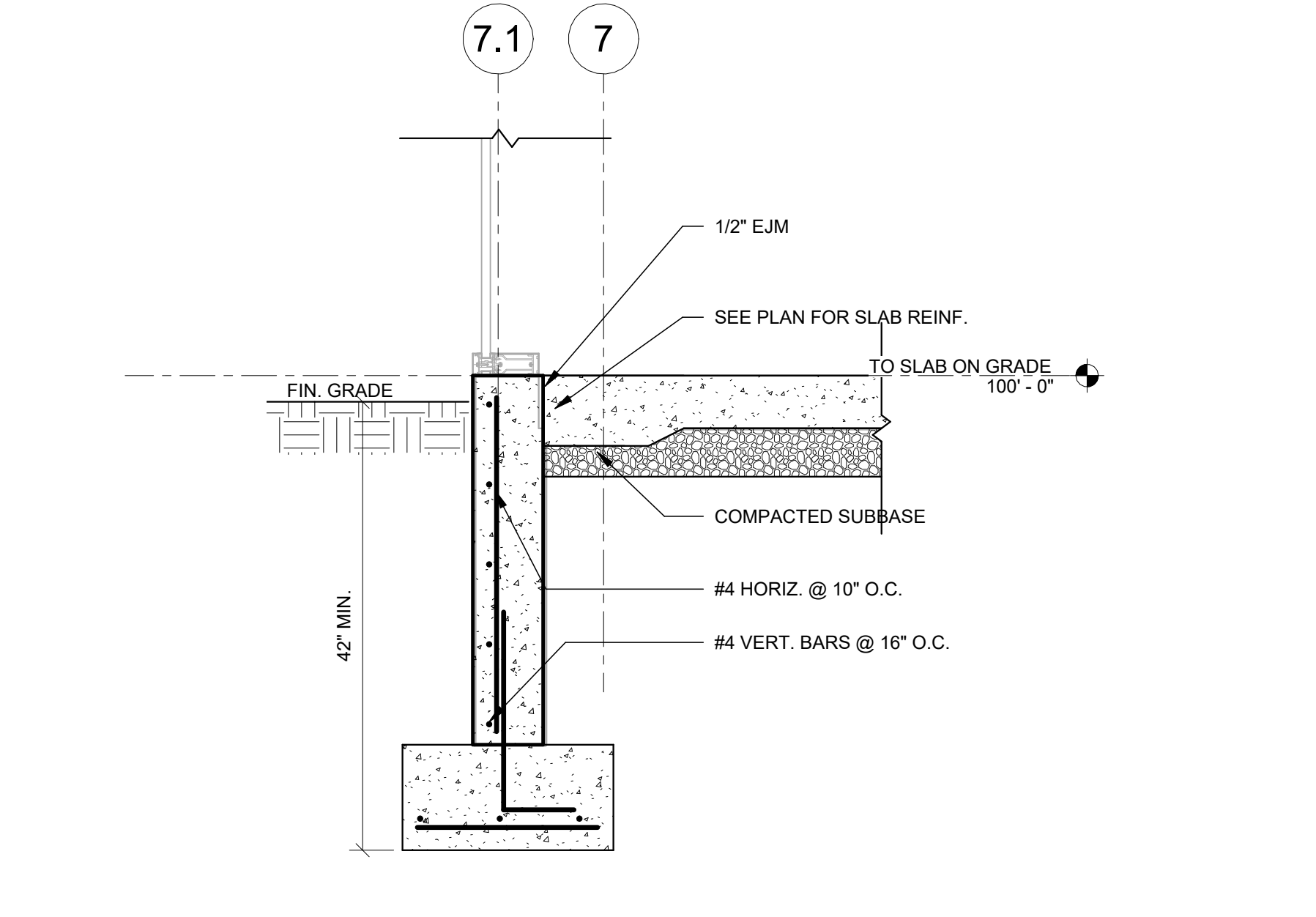




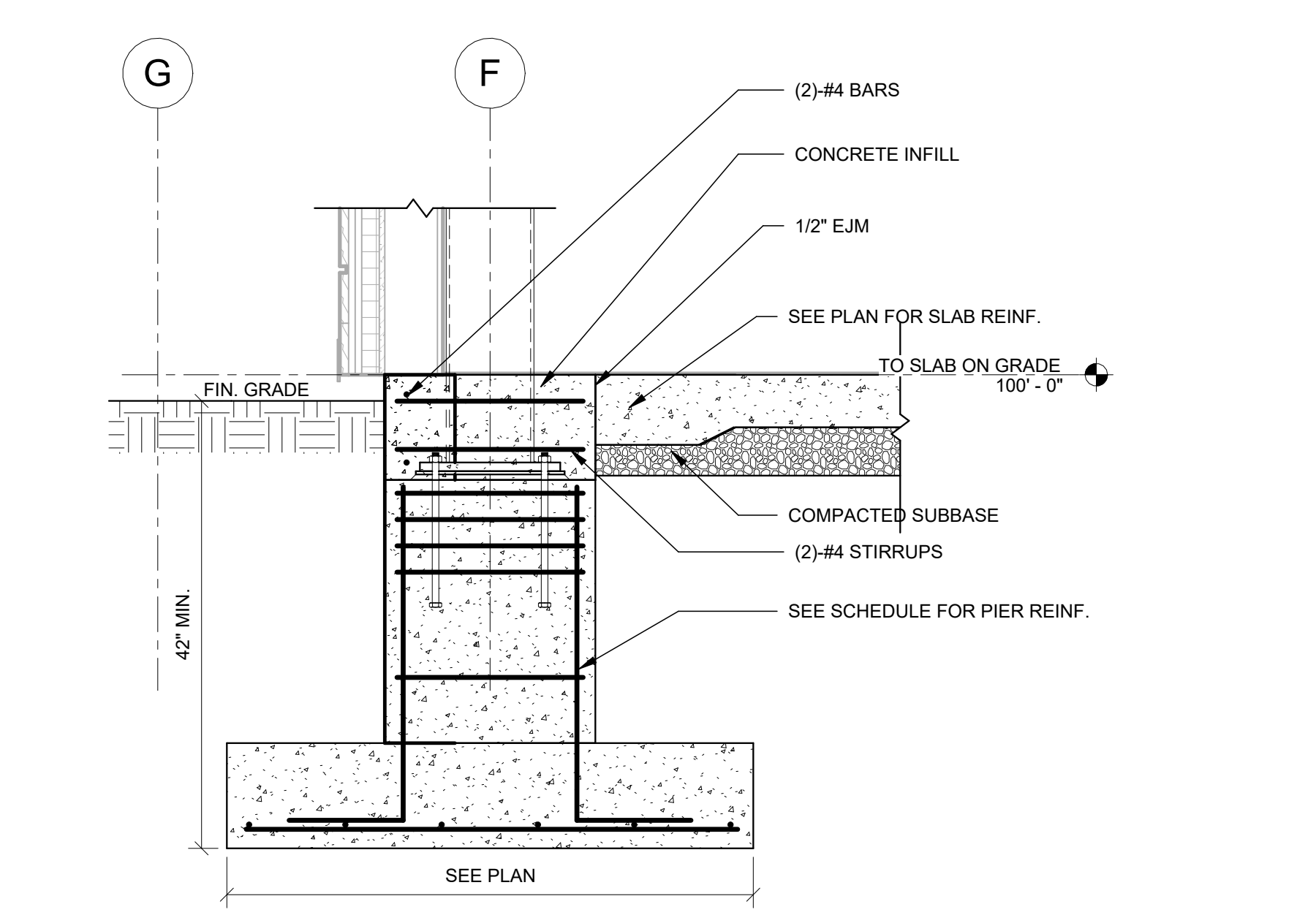
1 SECTION - CMU AT FOUNDATION  
S201 3/4" = 1'-0"



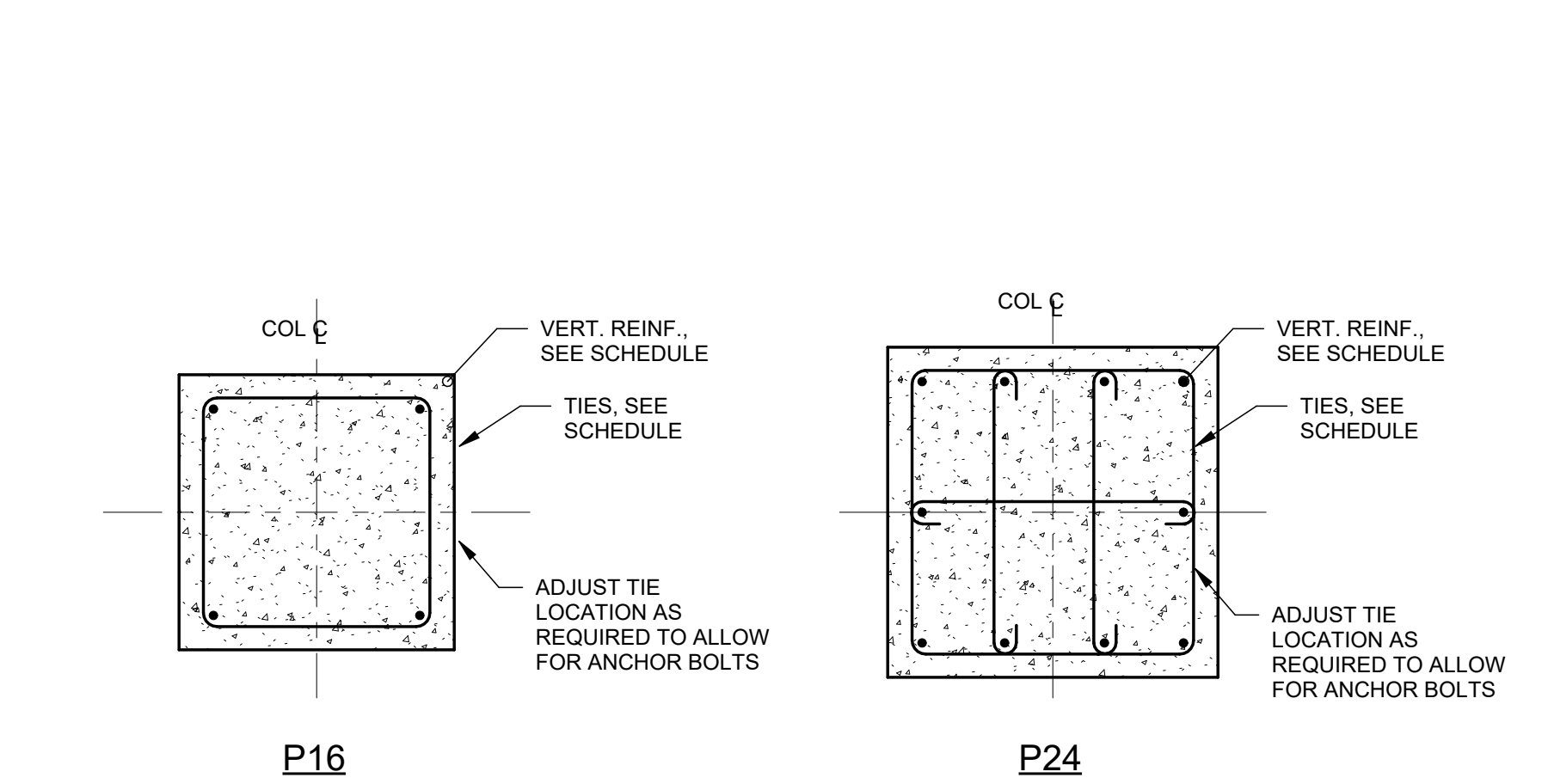
2 SECTION - FOUNDATION AT BRICK PIERS  
S201 3/4" = 1'-0"



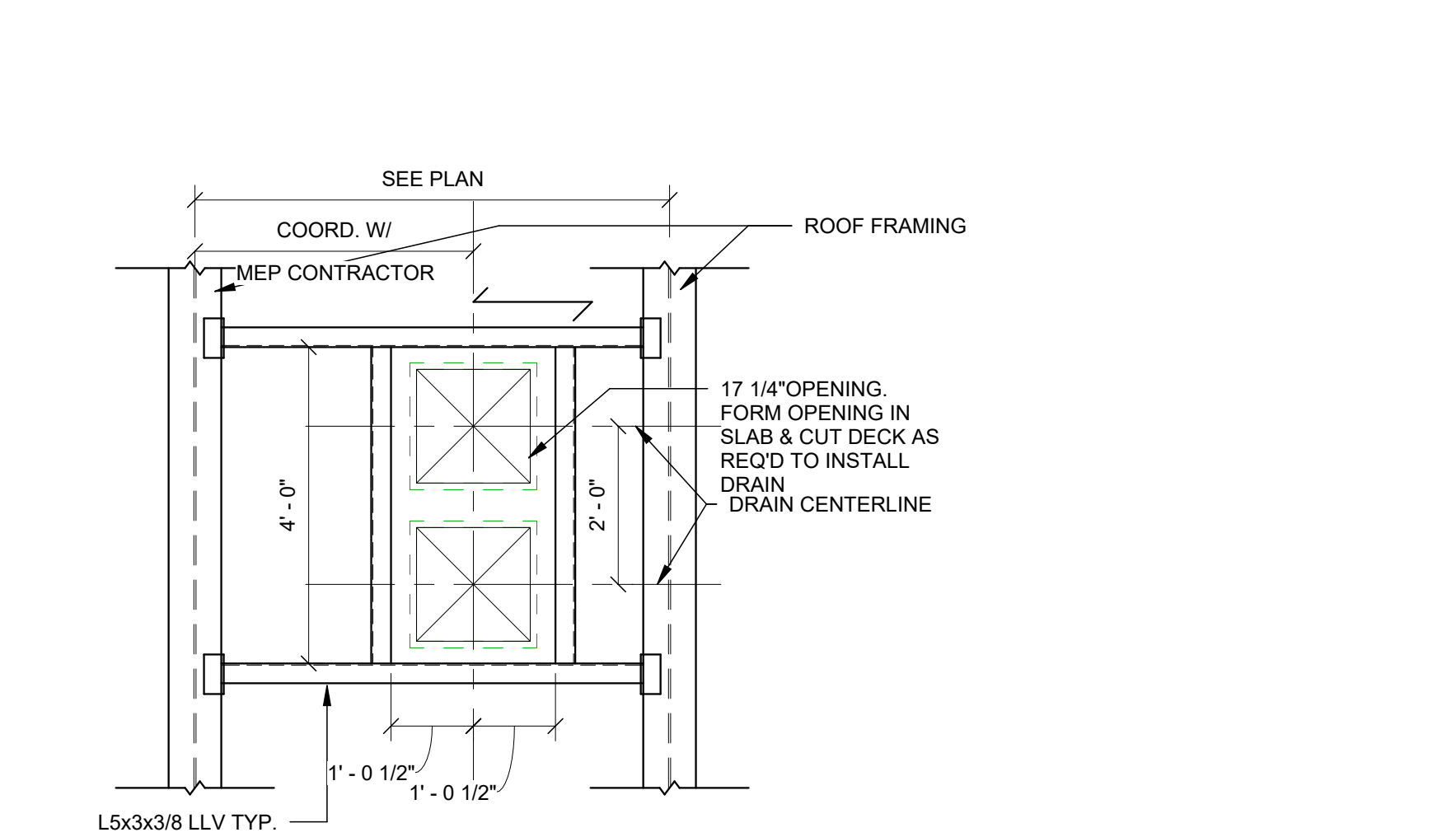
3 SECTION - FOUNDATION AT CURTAIN WALL ENTRANCE  
S201 3/4" = 1'-0"



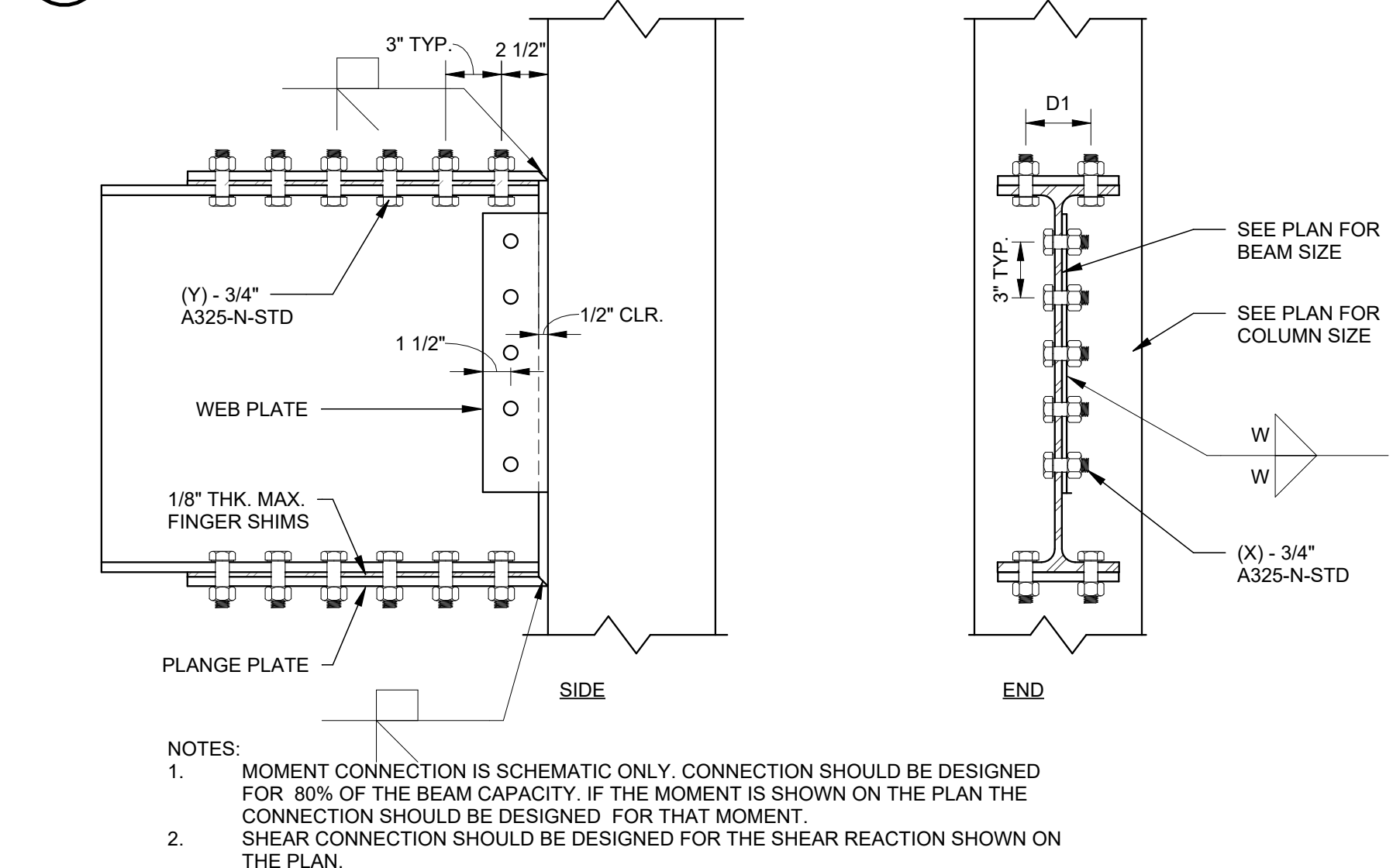
4 SECTION - PIER FOUNDATION  
S201 3/4" = 1'-0"



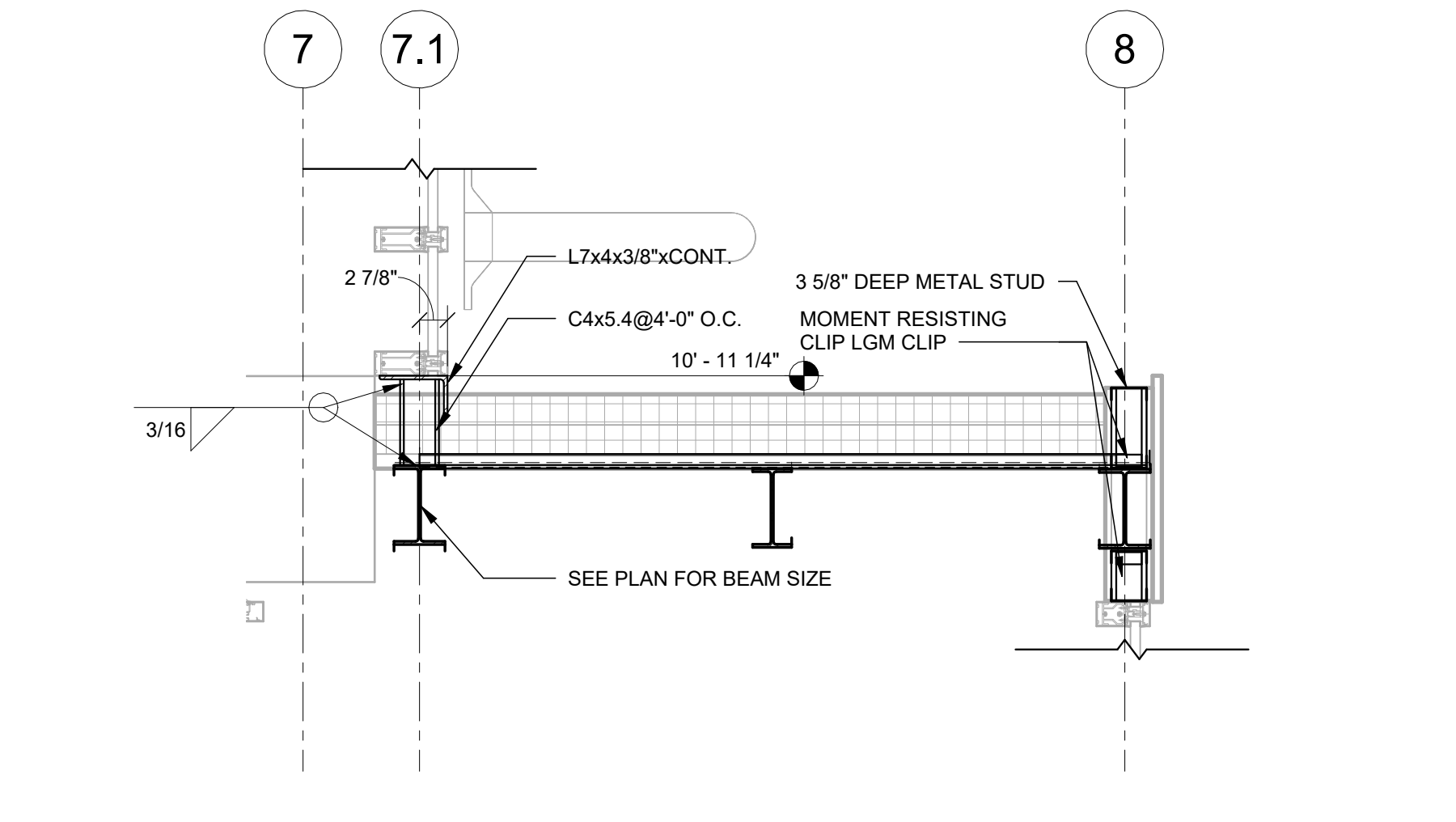
5 DETAILS - PIERS  
S201 N.T.S.



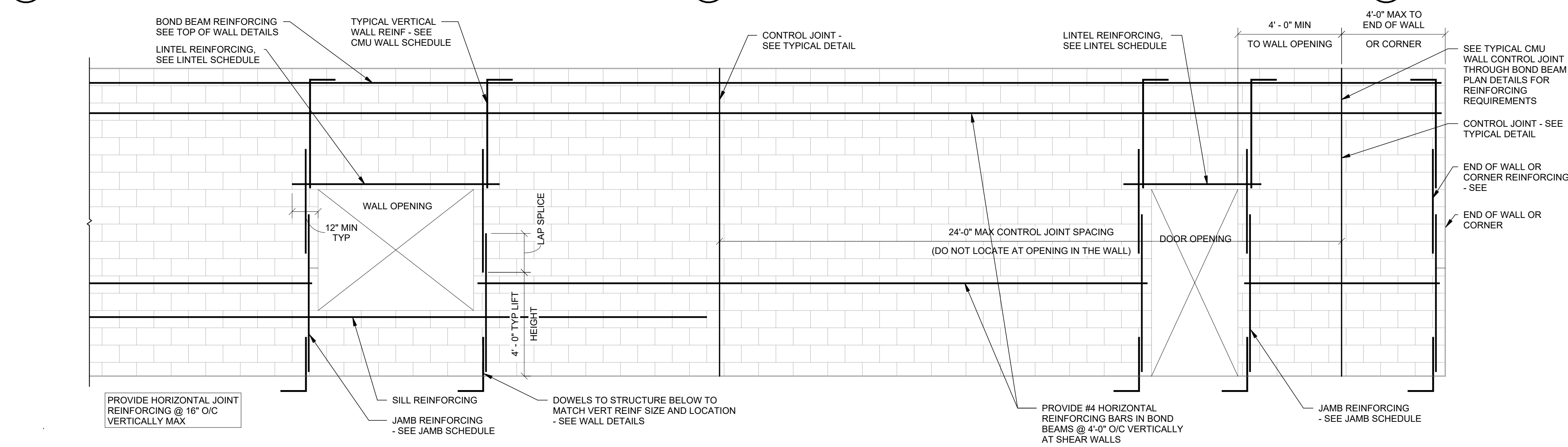
6 DETAIL - FRAMING AT ROOF DRAINS  
S201 1/2" = 1'-0"



7 DETAIL - MOMENT CONNECTION AT TUBES  
S201 1 1/2" = 1'-0"



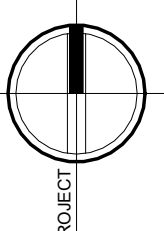



9 SECTION - ENTRANCE FRAMING  
S201 3/4" = 1'-0"



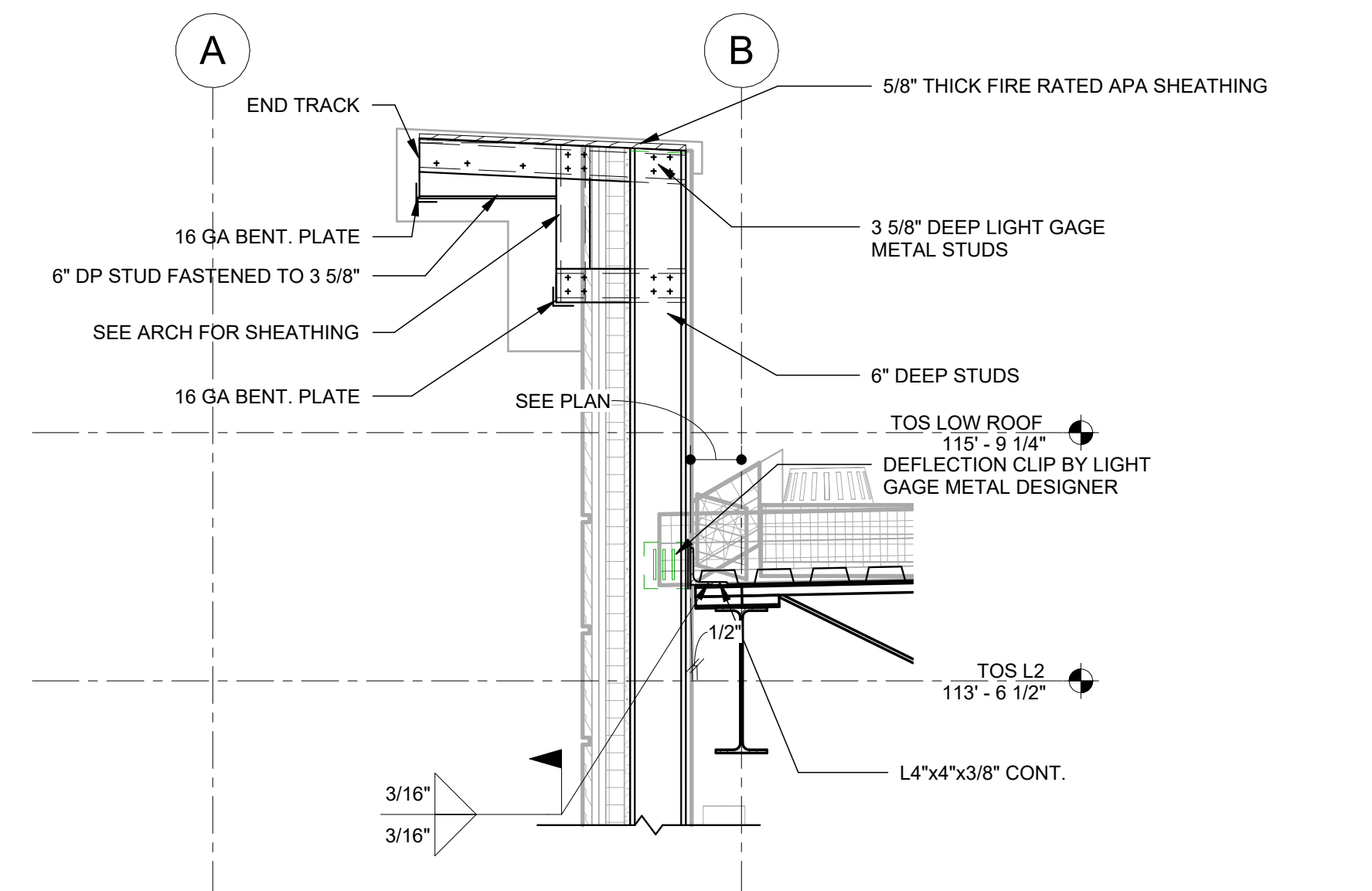
8 DETAIL - TYPICAL CMU REINFORCING SCHEMATIC  
S201 3/8" = 1'-0"

- NOTES:
1. JAMB AND END OF WALL REINFORCING SHALL BE FULL HEIGHT OF WALL AND SHALL BE IN ADDITION TO TYPICAL VERTICAL WALL REINFORCING.
  2. PROVIDE CONTROL JOINTS TO MEET SPACING REQUIREMENTS SHOWN, AND AT LOCATIONS WHERE CHANGES IN WALL HEIGHT OCCUR.
  3. SEE ARCHITECTURAL DRAWINGS FOR CONTROL JOINT LOCATIONS AT NON-LOAD BEARING WALLS NOT SHOWN ON STRUCTURAL DRAWINGS.
  4. SEE ARCHITECTURAL DRAWINGS FOR WALL OPENINGS NOT SHOWN ON STRUCTURAL DRAWINGS.
  5. PROVIDE CLEANOUT AT BOTTOM COURSE FOR GROUT POURS GREATER THAN 5'-0" HIGH.
  6. SILL REINFORCING SHALL BE LADDER JOINT REINFORCING IN THE FIRST OR SECOND MORTAR JOINT BELOW THE SILL OR A REINFORCED BOND BEAM. SILL REINFORCING SHALL EXTEND BETWEEN CONTROL JOINTS.
  7. SEE NON-LOAD BEARING INTERIOR CMU WALL REINFORCING SCHEDULE FOR LINTEL AND JAMB REINFORCING REQUIRED AT NON-LOAD BEARING WALLS.

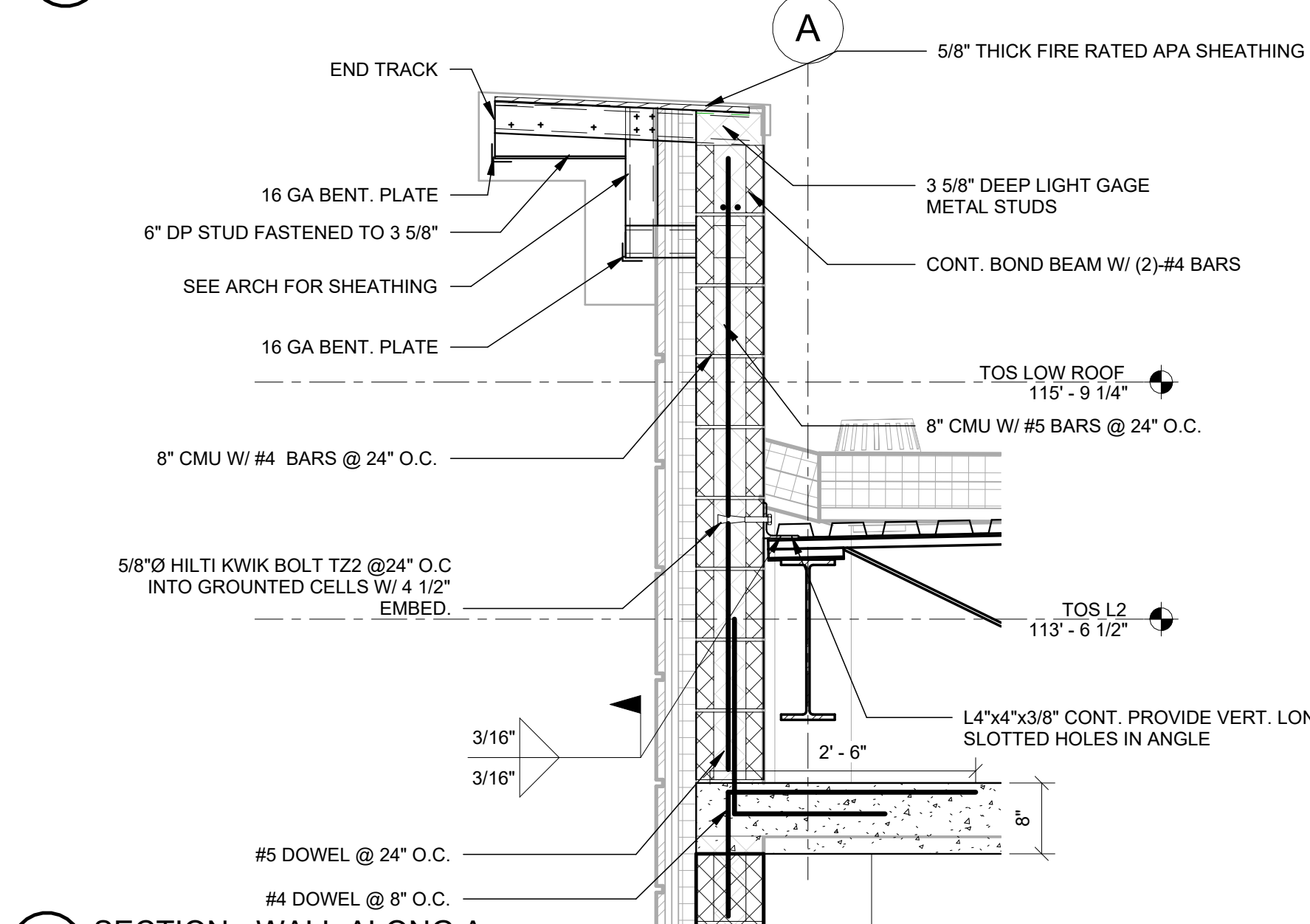
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Project: POLICE STATION TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK		
Drawing: FOUNDATION/FRAMING DETAILS		
		Project: 23321 Date: 2/24/2025 Drawn: Author Scale: AS NOTED Drawing Number: <b>S201</b>

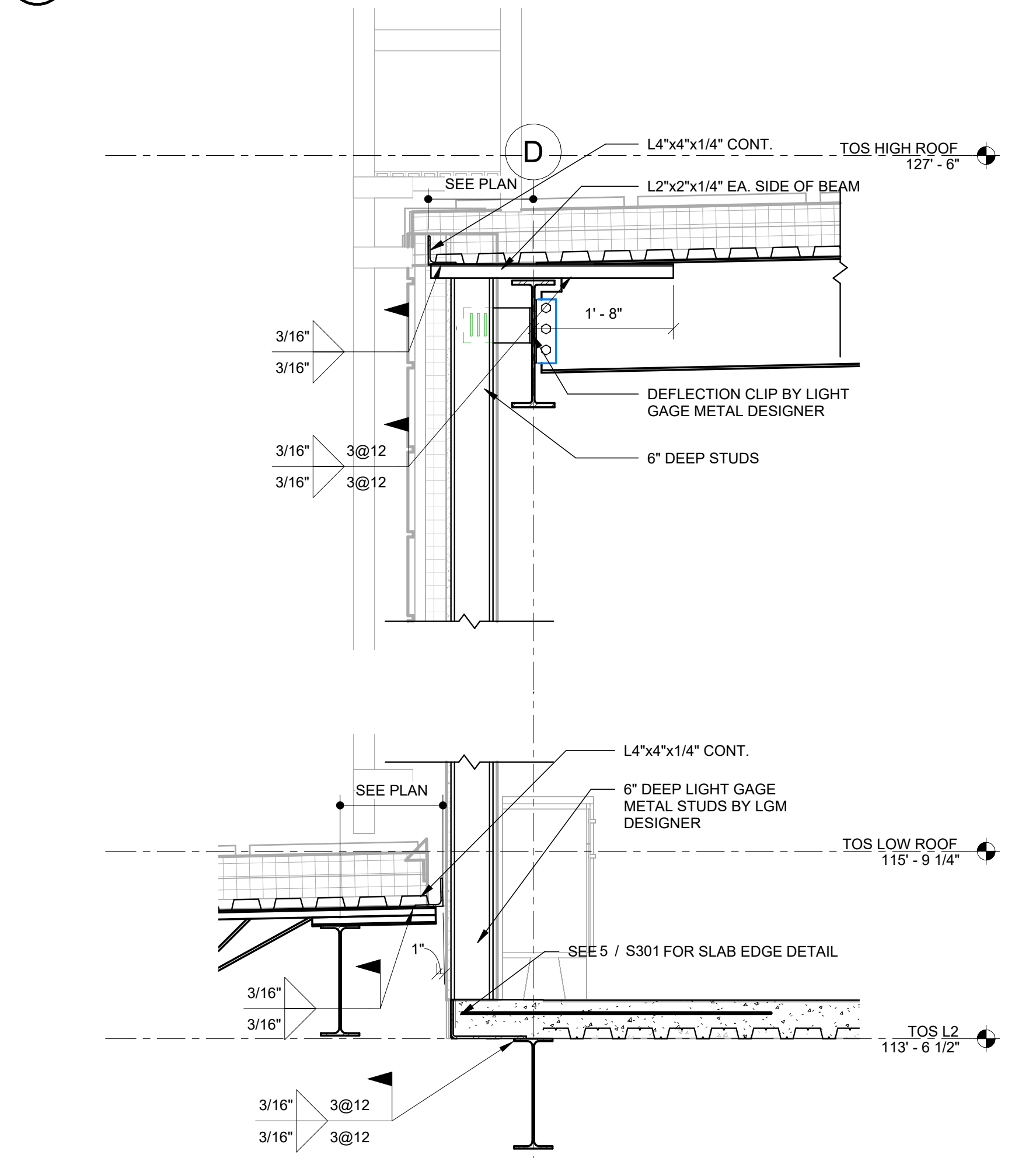




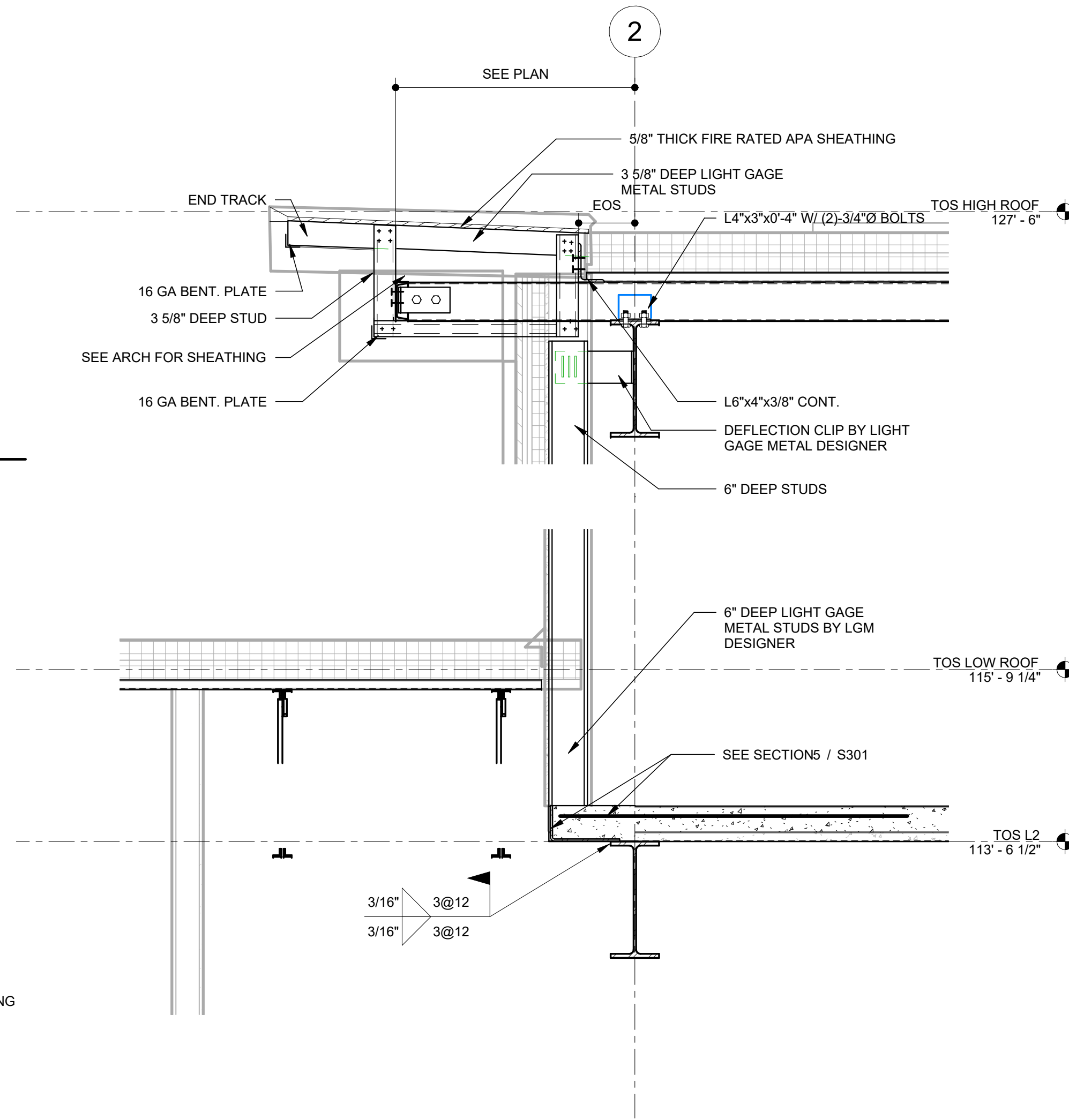
1 SECTION - EXTERIOR WALL  
3/4" = 1'-0"



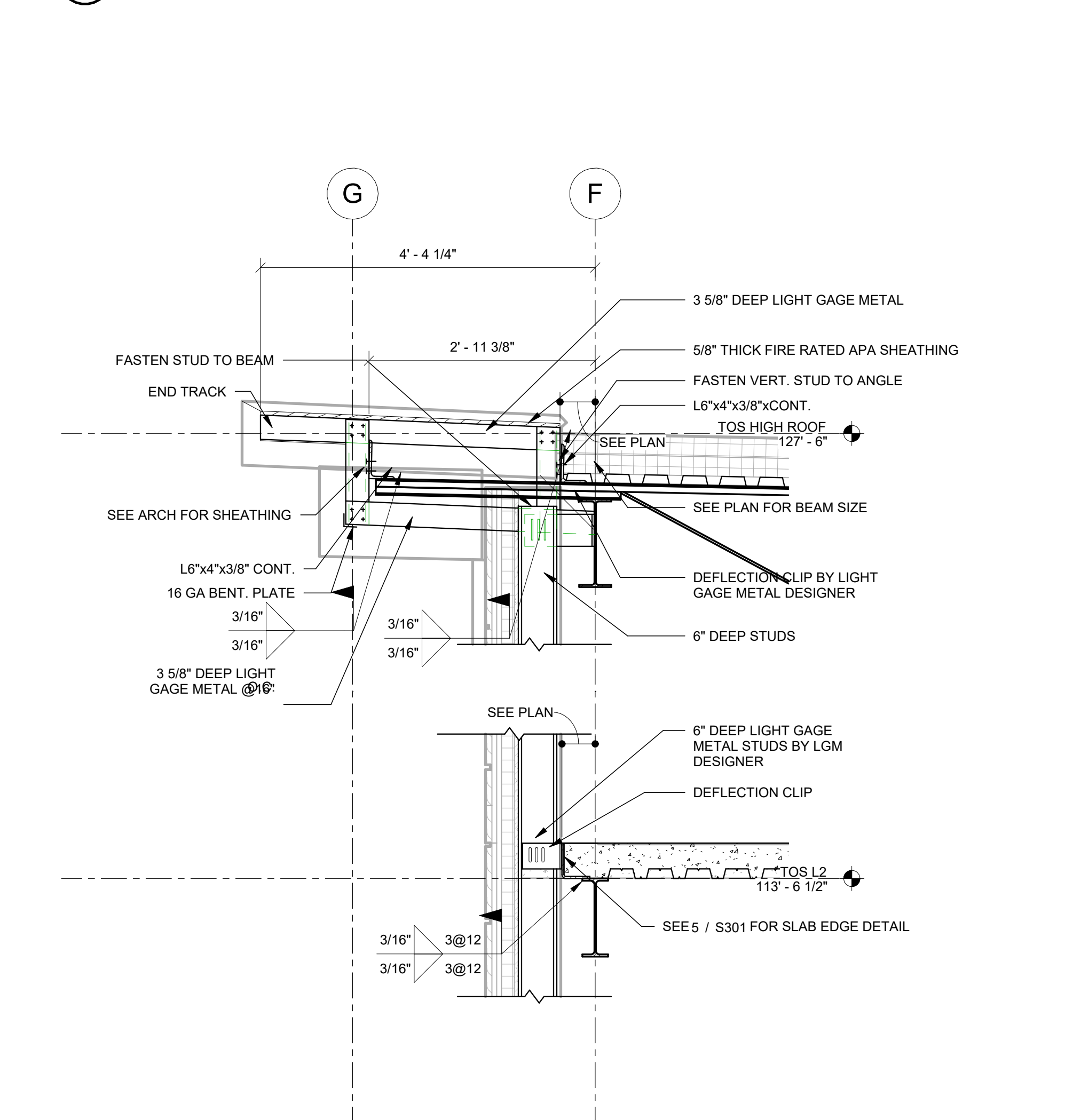
5 SECTION - WALL ALONG A  
3/4" = 1'-0"



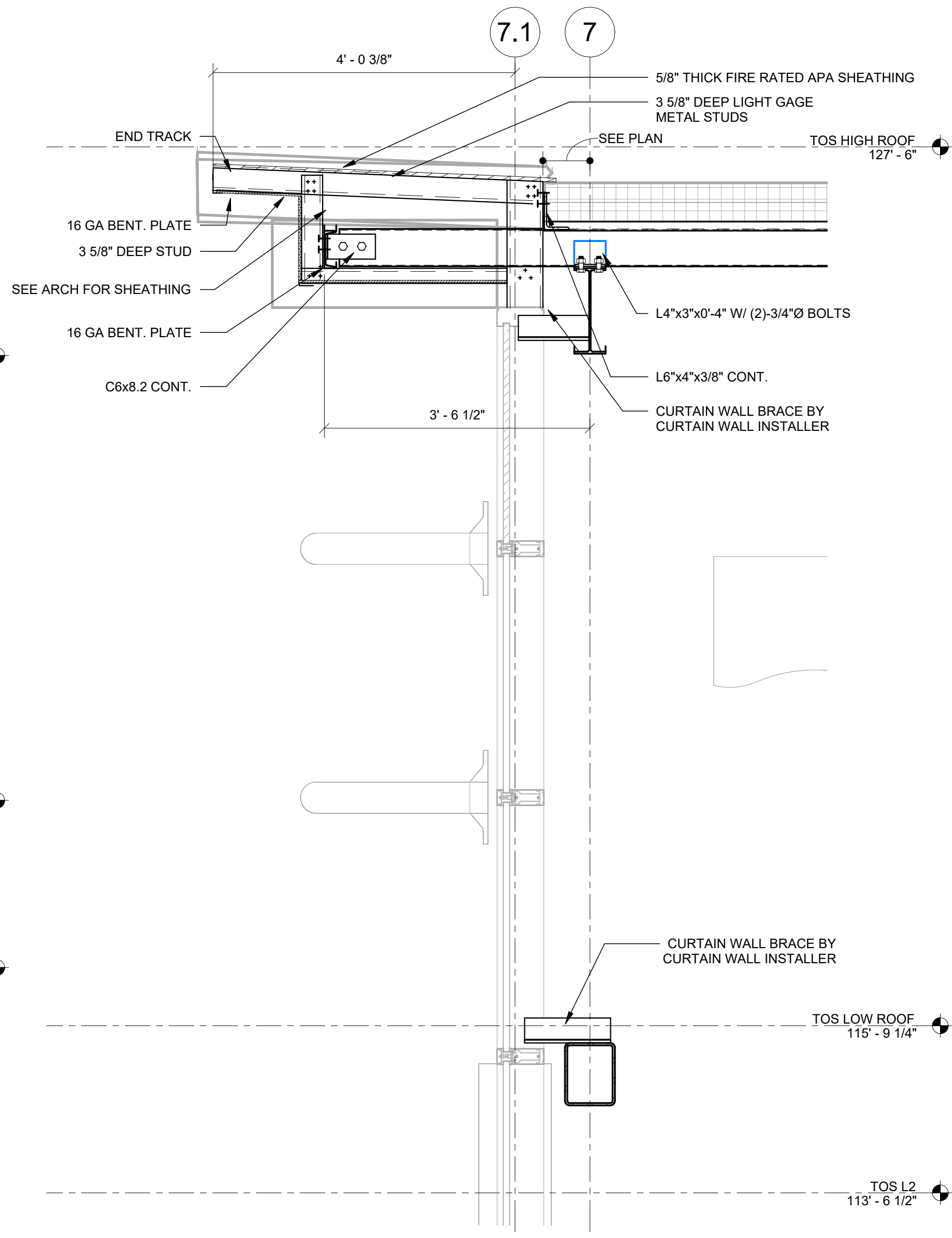
6 SECTION - WALL ALONG D  
3/4" = 1'-0"



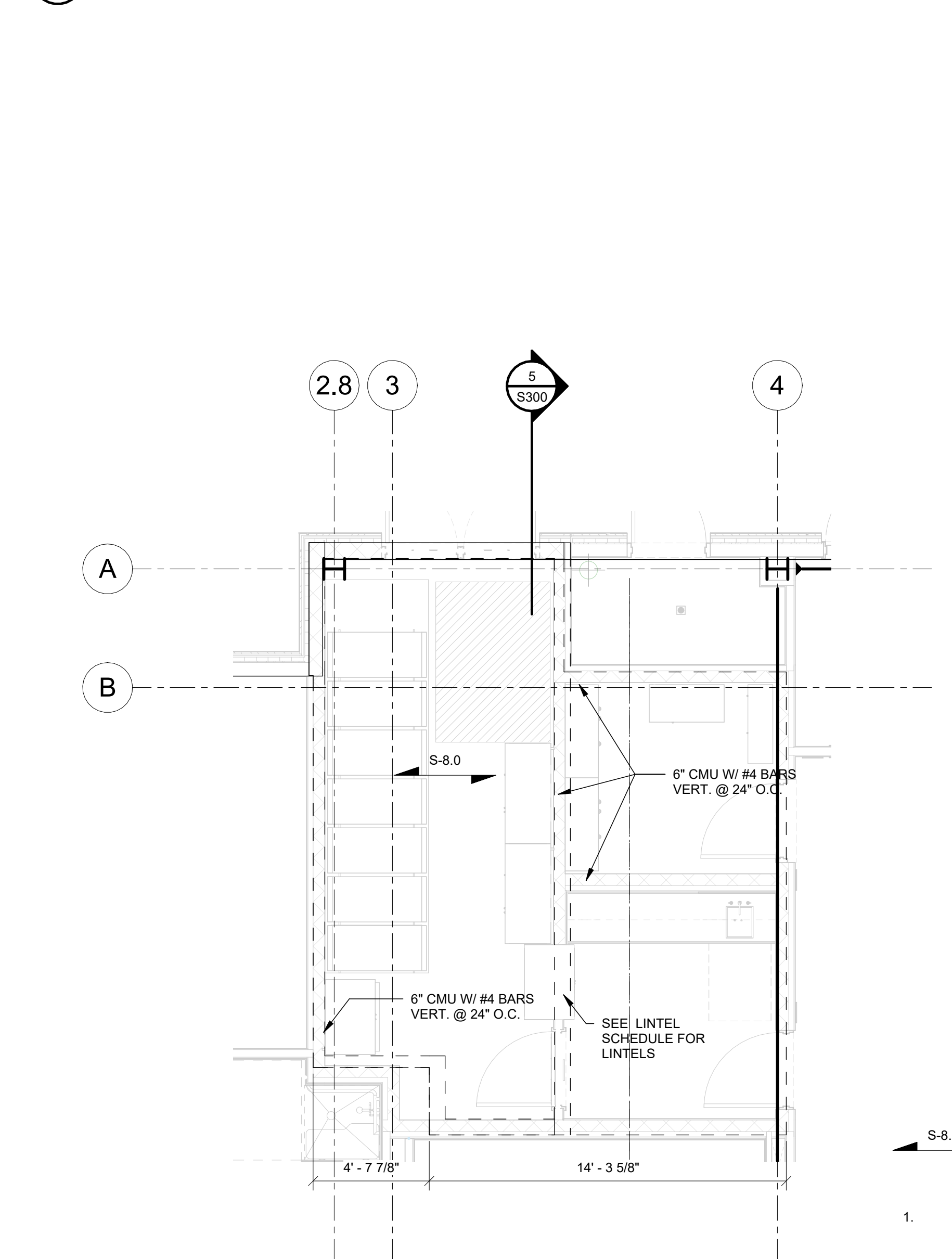
2 SECTION - WALL ALONG 2  
3/4" = 1'-0"



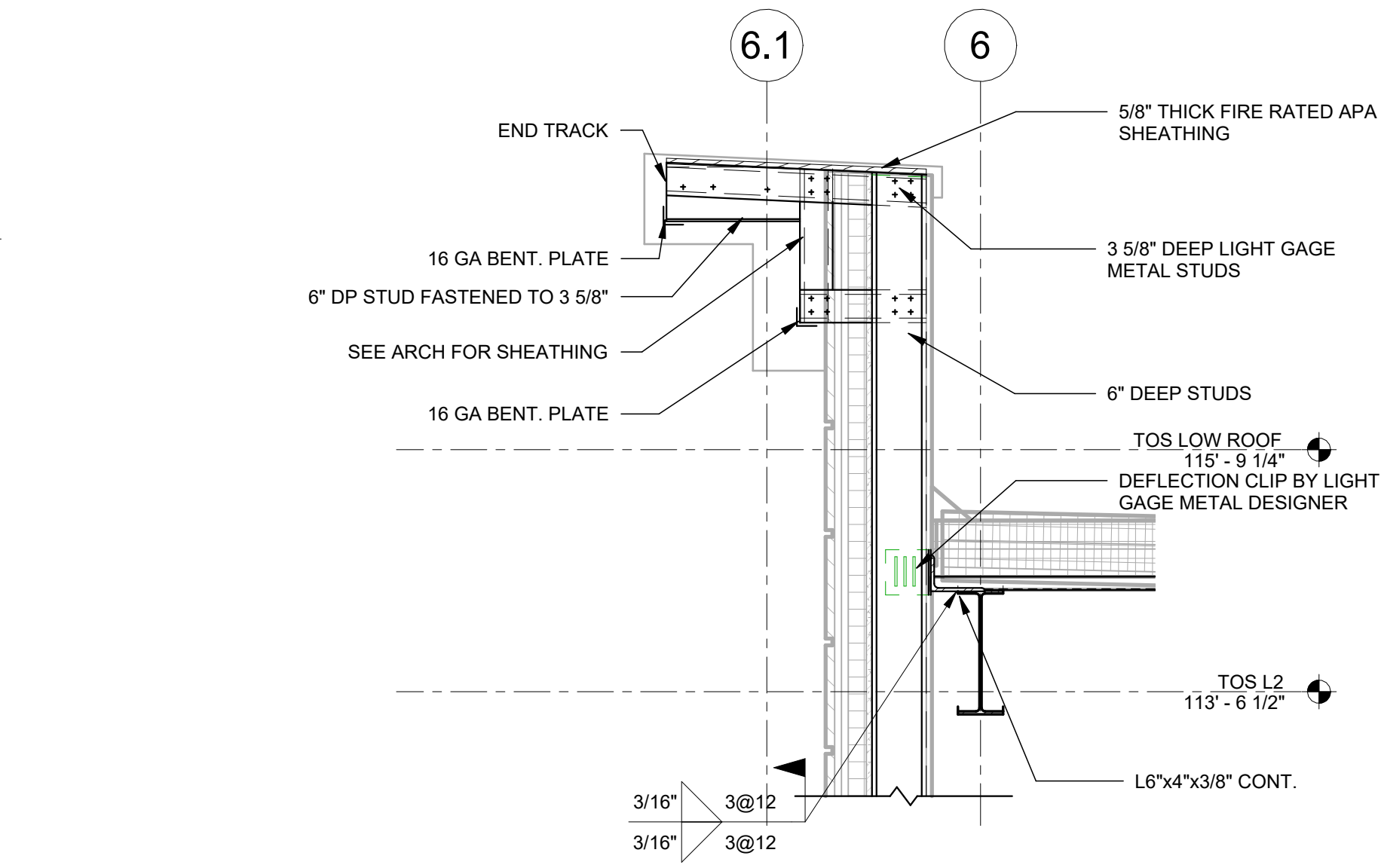
7 SECTION - WALL ALONG F  
3/4" = 1'-0"



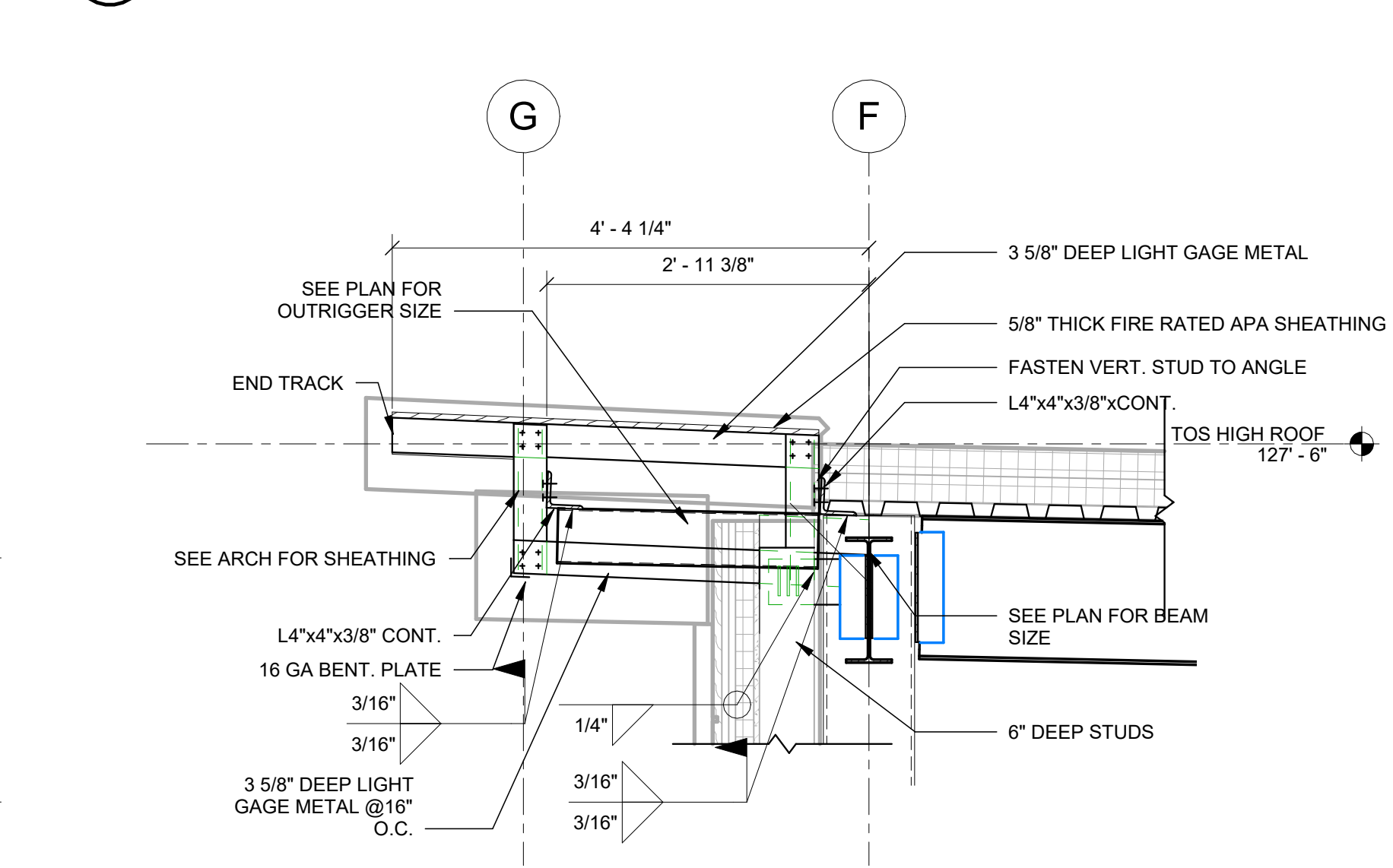
4 SECTION - WALL ALONG 7  
3/4" = 1'-0"



8 PLAN - VAULT FRAMING  
1/4" = 1'-0"



3 SECTION - WALL ALONG 6  
3/4" = 1'-0"



9 SECTION - CANTILEVER AT COLUMN  
3/4" = 1'-0"

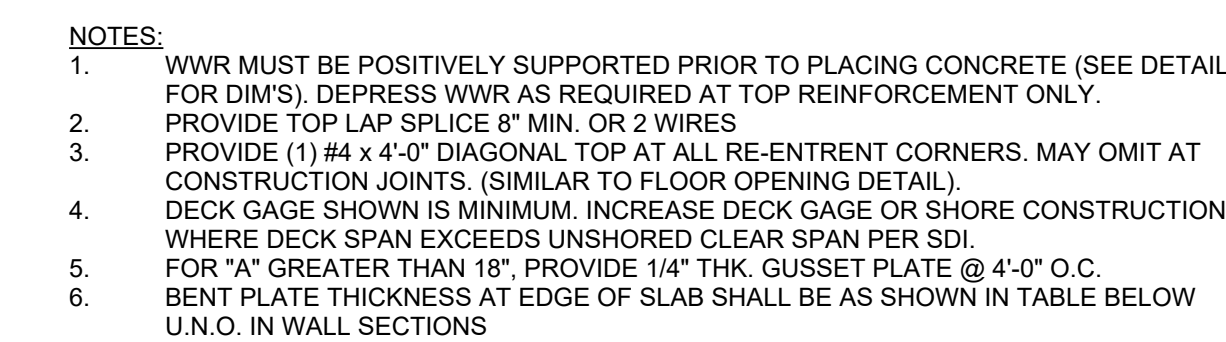
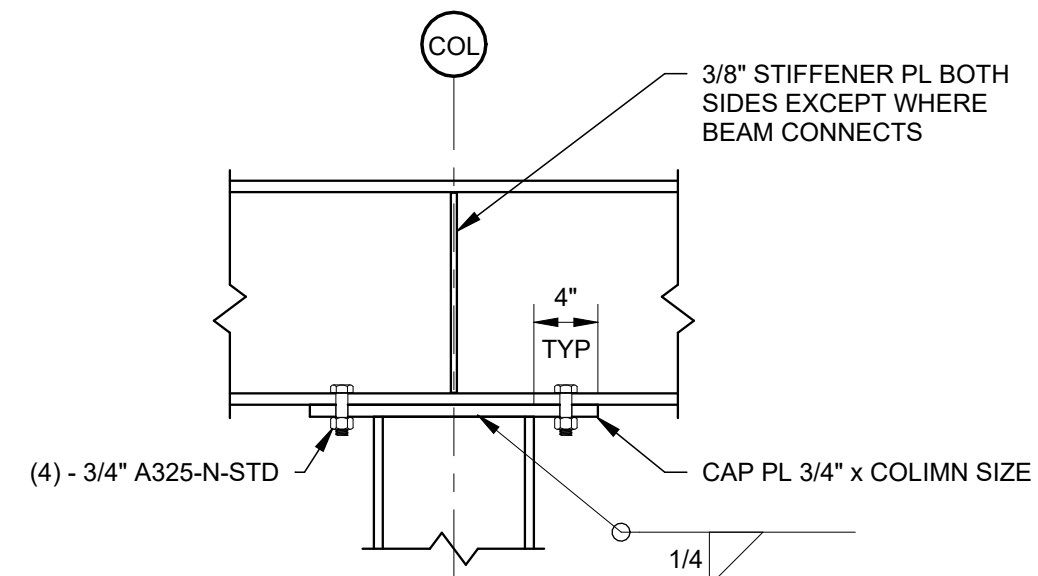
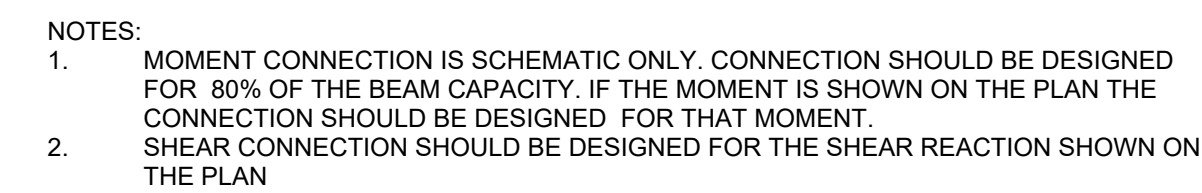
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Drawing: <b>SECTIONS AND DETAILS</b>		
Project: 23321	Date: 2/24/2025	
Drawn: Author	Scale: AS NOTED	
Drawing Number:		
<b>S300</b>		

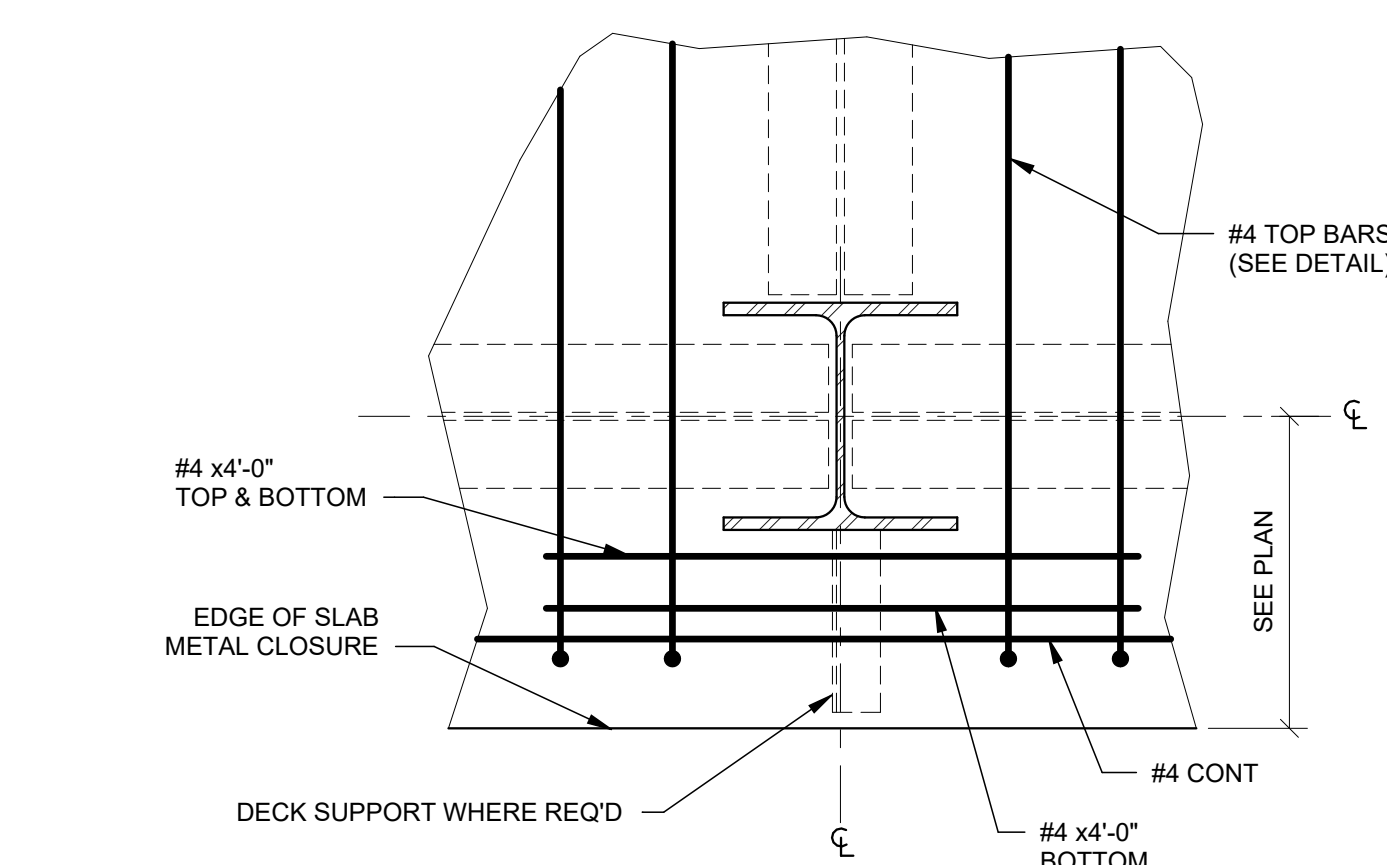
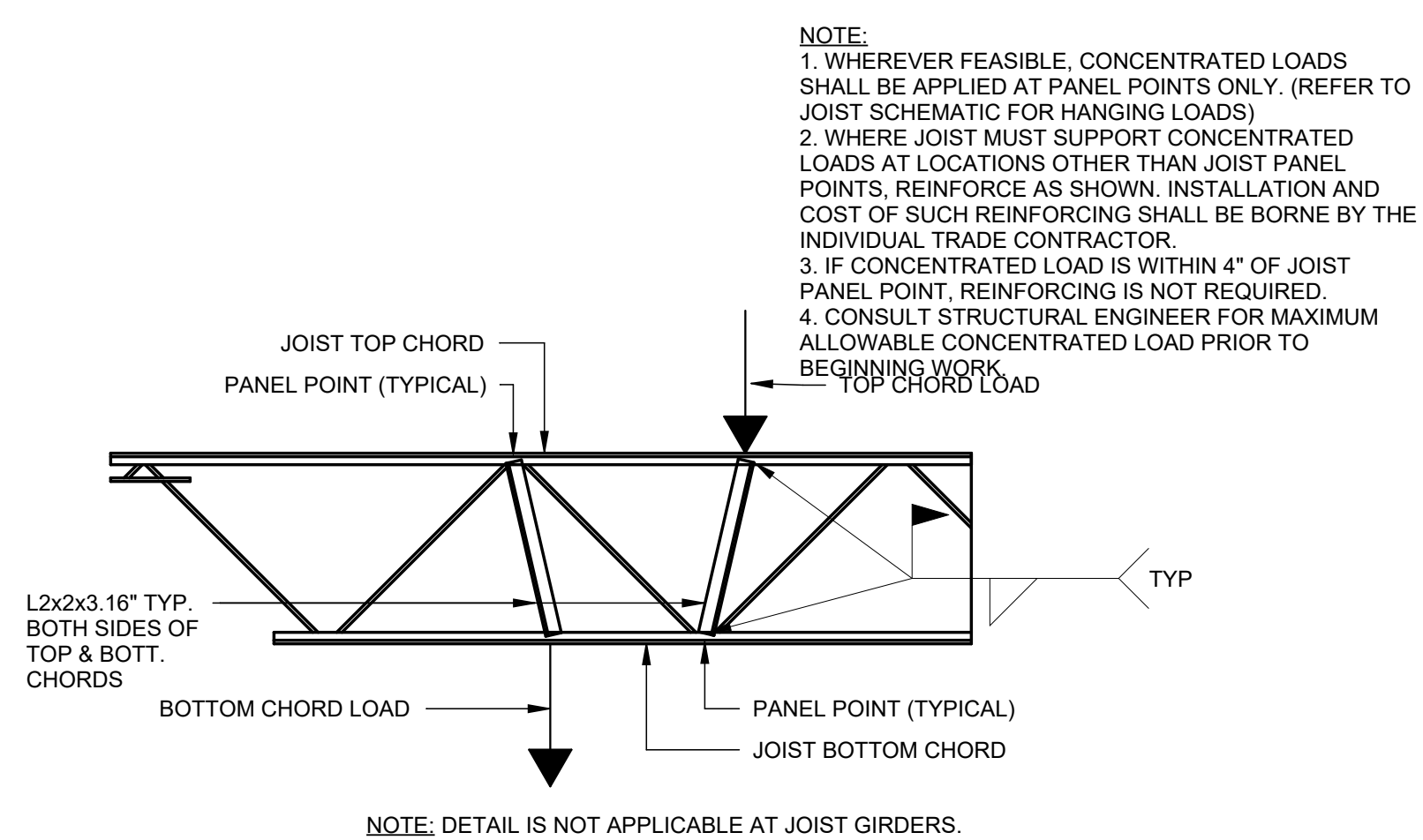
- INDICATES 8" THICK CONCRETE SLAB W/ #4 @ 12" O.C.E.W. BOT.
1. GROUT WALL SOLID. REINF. WITH #4 BARS @ 48" ON-CENTER.

NOTES - VAULT  
1/4" = 1'-0"



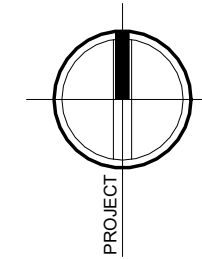


DIM. "A"	TOP BARS AT CANTILEVER	BENT PLATE
$A \leq 6"$	WWR ONLY	1/4" THK.
$6" < A \leq 16"$	#3 @ 12"	5/16" THK.
$16" < A \leq 24"$	#4 @ 12"	3/8" THK.

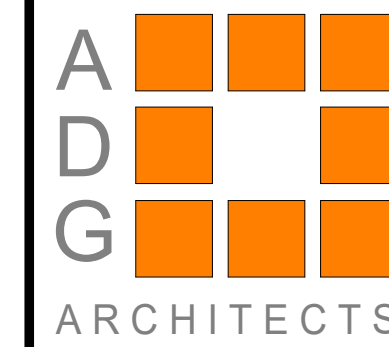


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GOMERY, ORANGE COUNTY, NEW

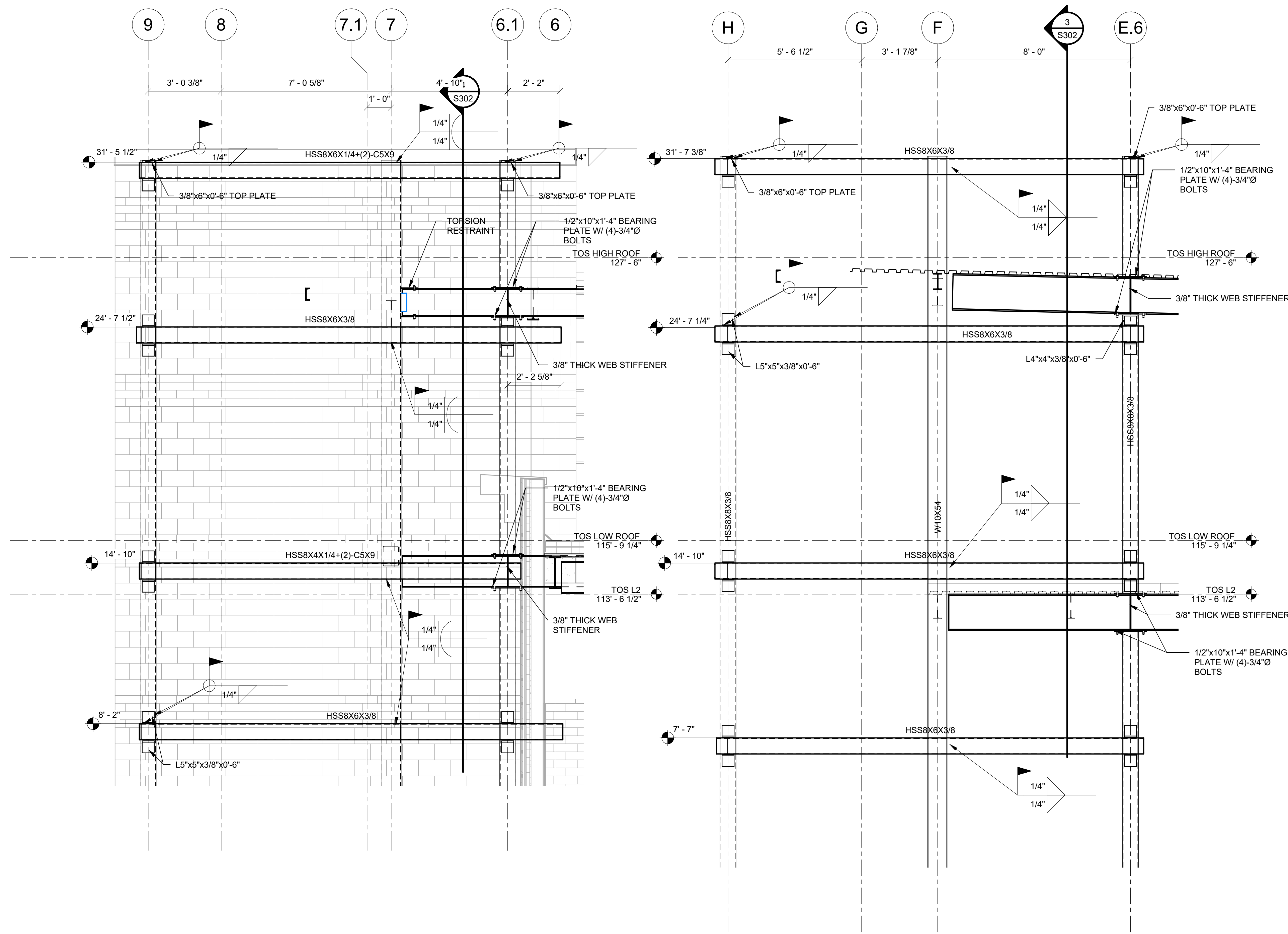
Drawing: SECTIONS AND DETAILS



Project: 23321	Date: 2/24/2025
Drawn: Author	Scale: AS NOTED
Drawing Number:	

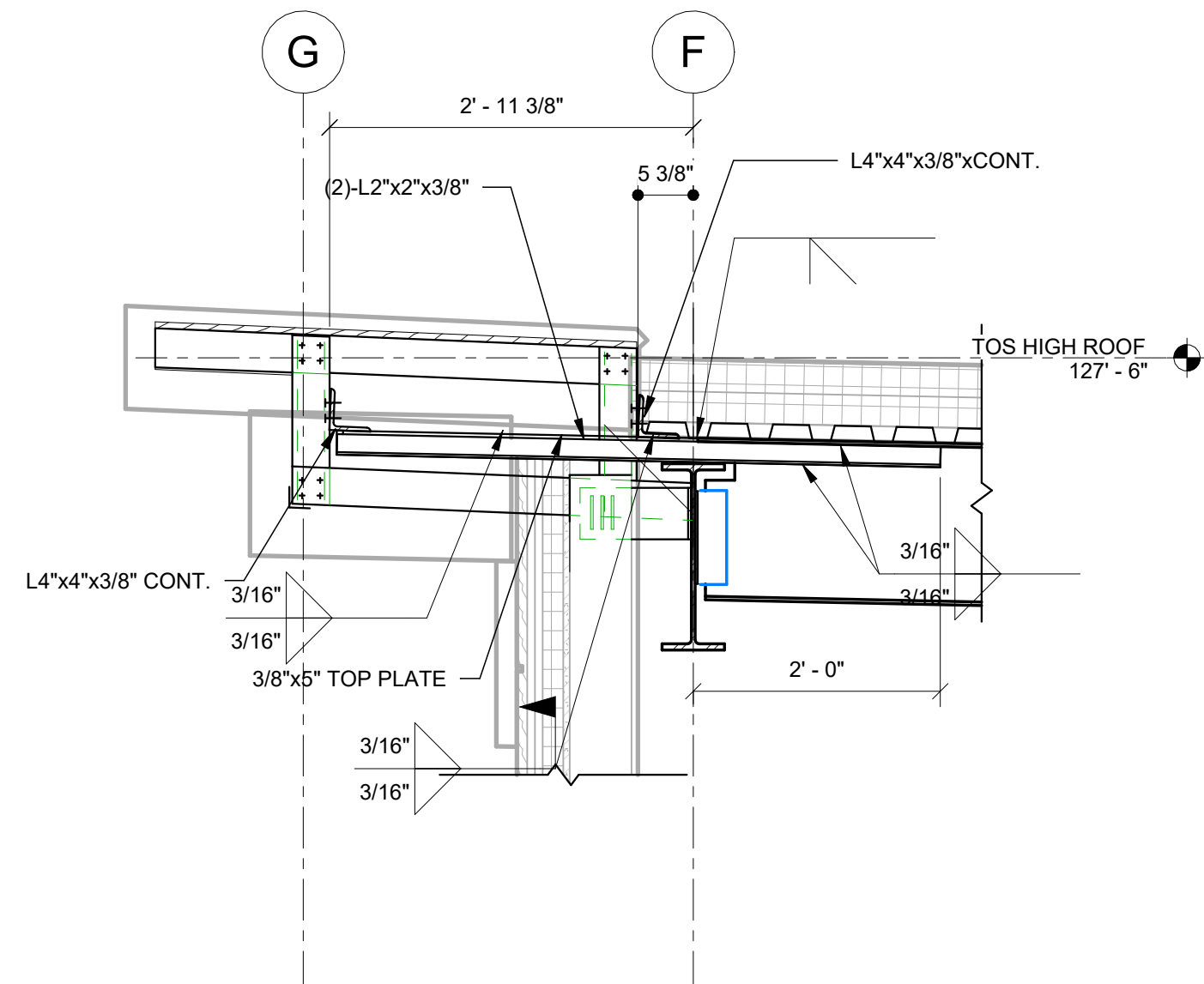
S301



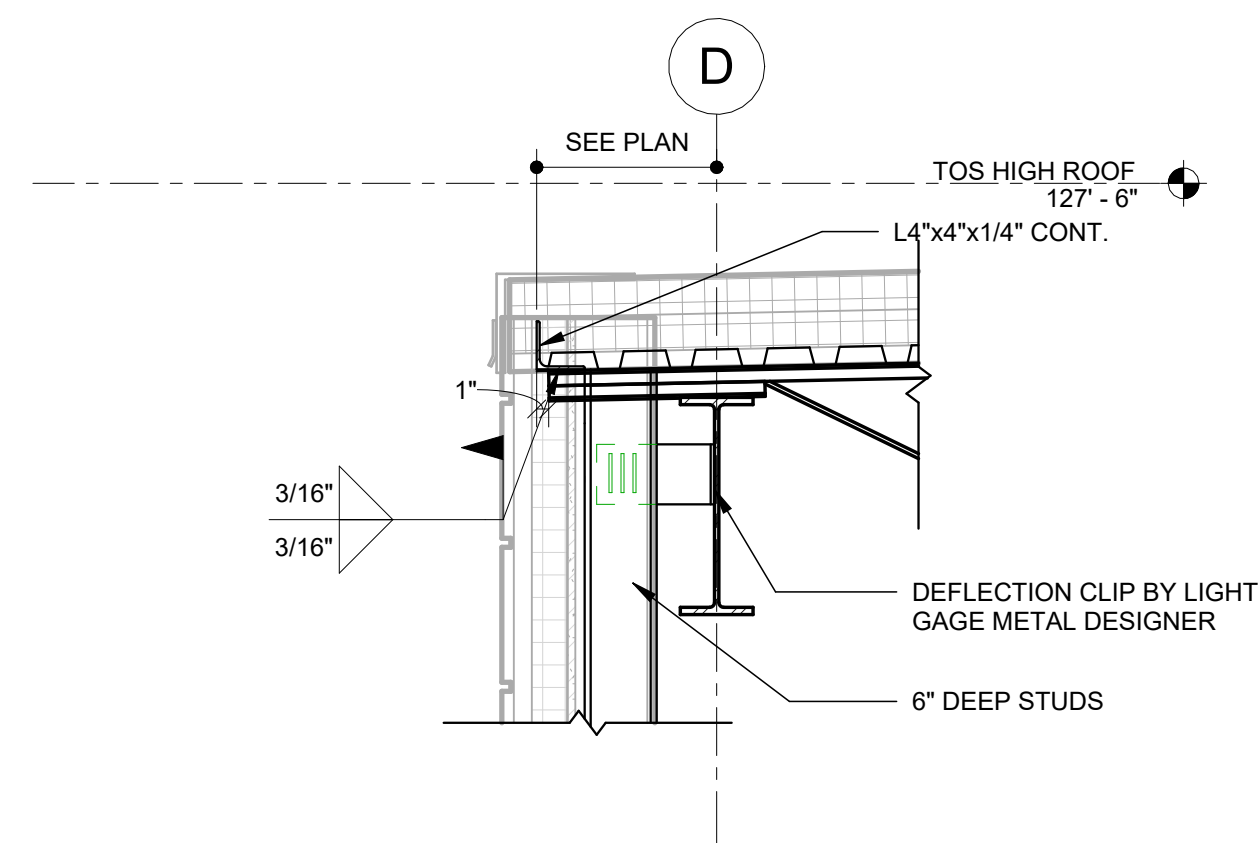


1 ELEVATION - WINGWALL D  
3/8" = 1'-0"

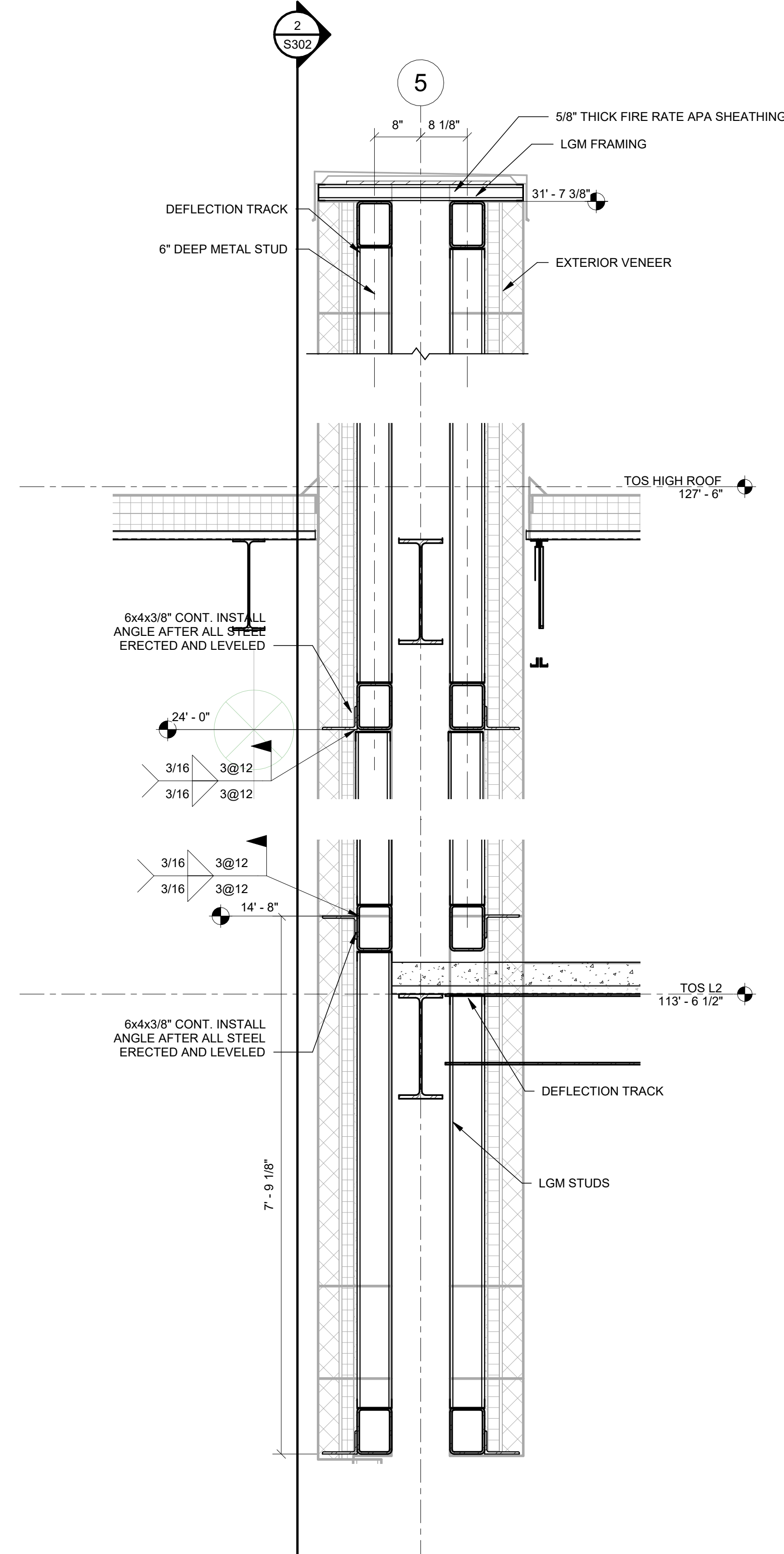
2 ELEVATION - WINGWALL 5  
3/8" = 1'-0"



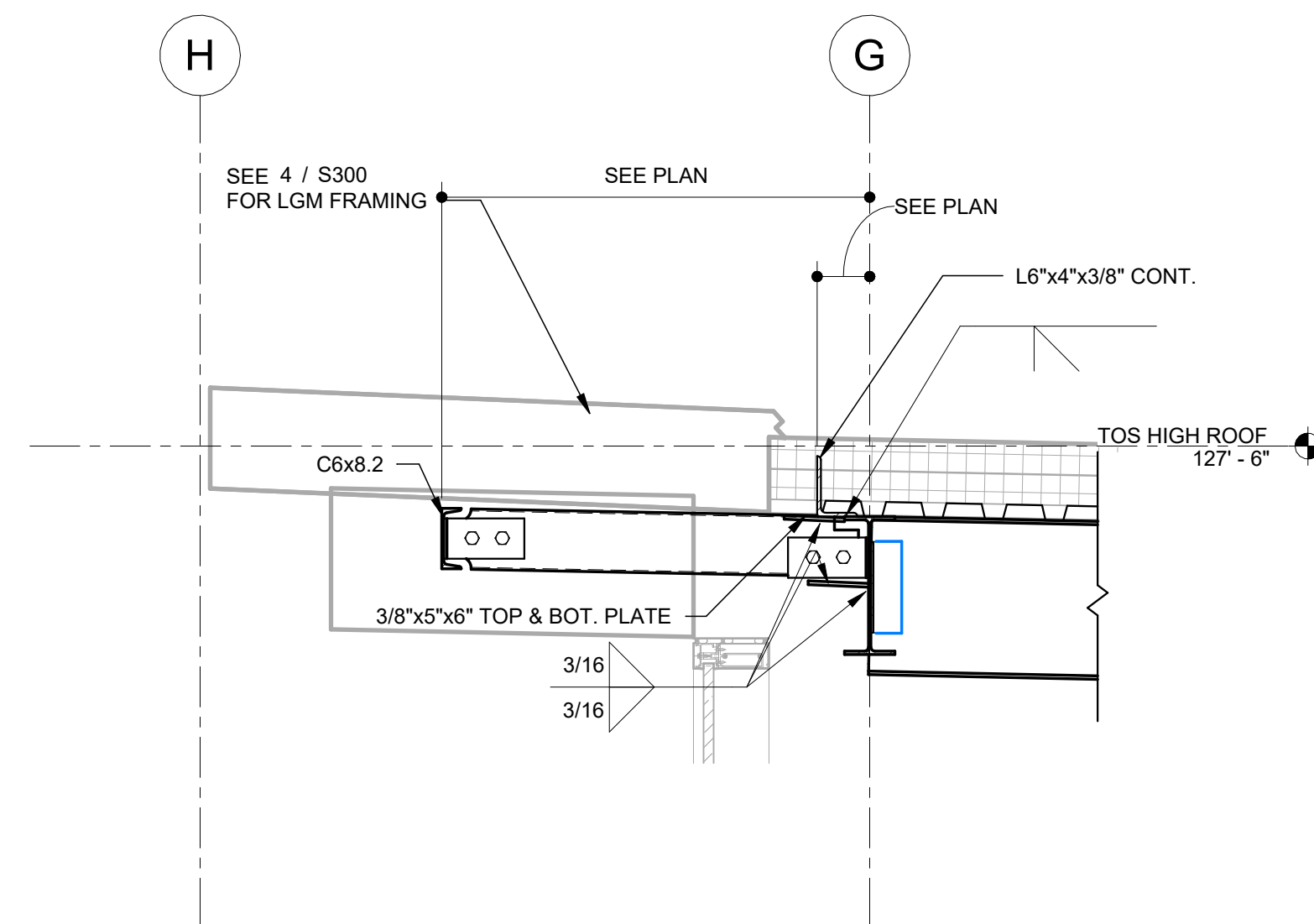
5 SECTION - CANTILEVER AT BEAM  
3/4" = 1'-0"



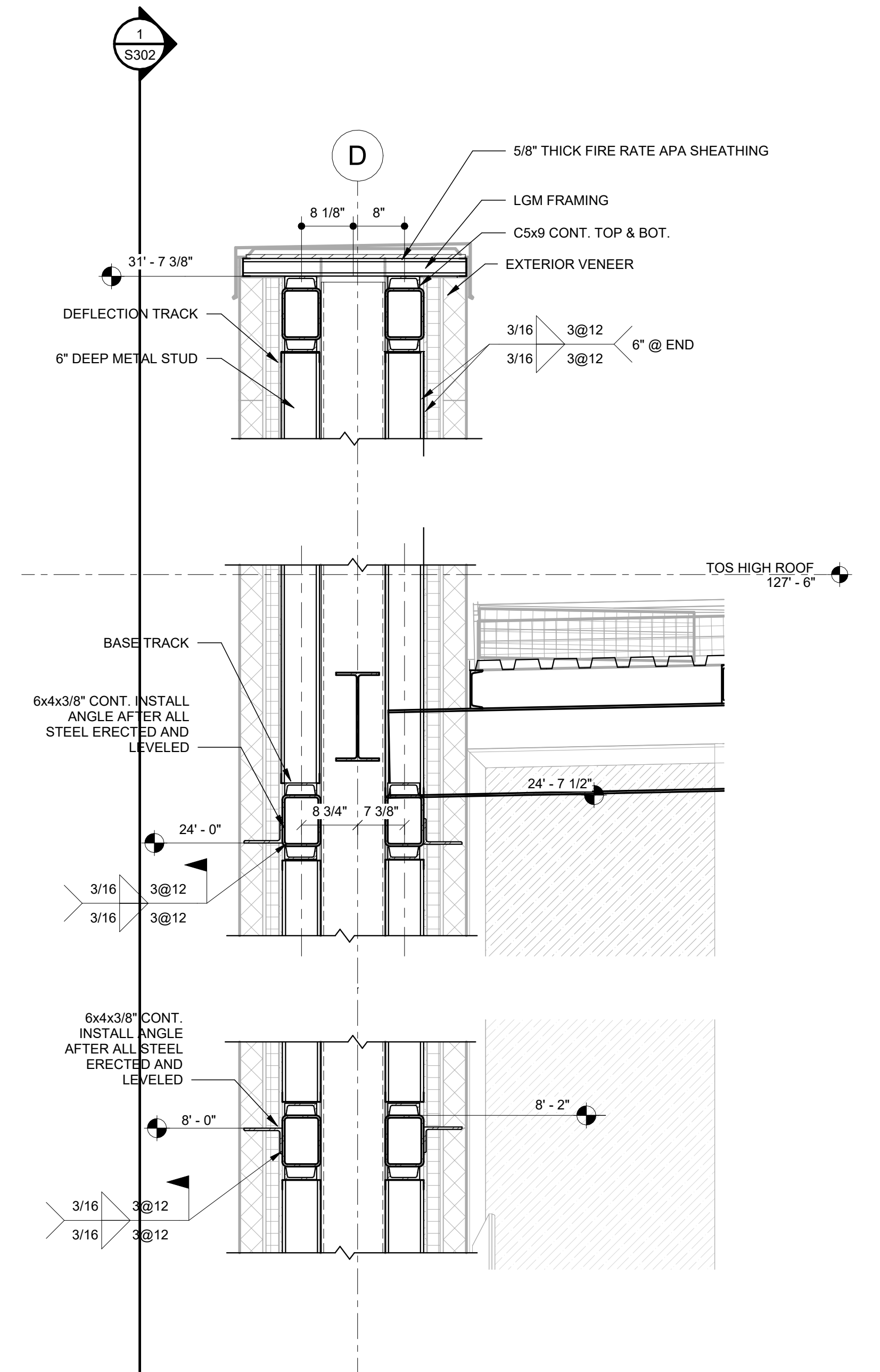
6 SECTION - JOIST EXT. ALONG D  
3/4" = 1'-0"



3 SECTION - WINGWALL ALONG 5  
3/4" = 1'-0"



7 SECTION - CANTILEVER ALONG 7  
3/4" = 1'-0"

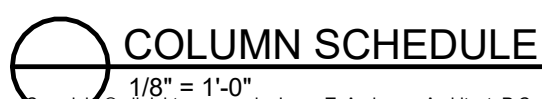
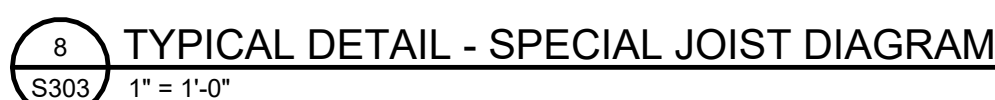
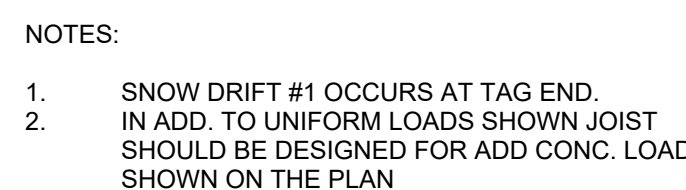
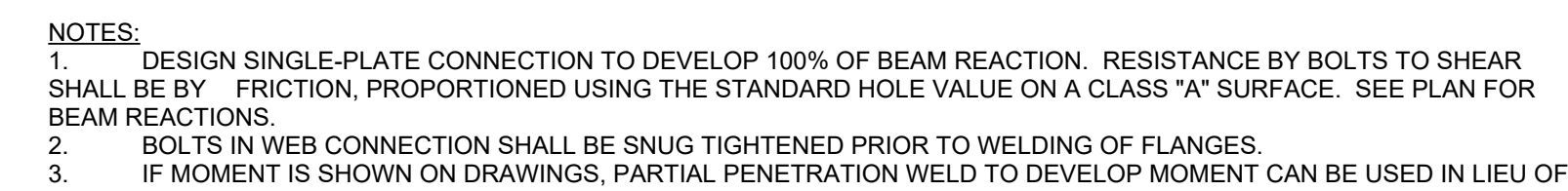
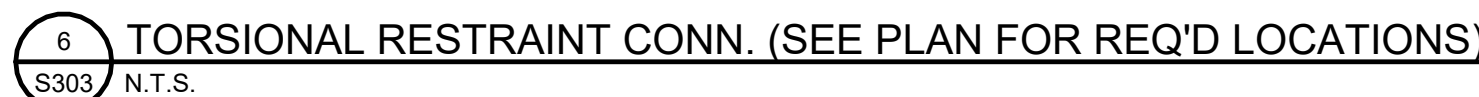
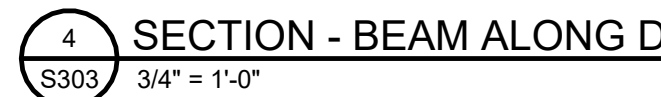


4 SECTION - WINGWALL ALONG D  
3/4" = 1'-0"

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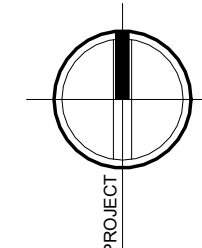
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Project: <b>POLICE STATION</b> TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK Drawing: <b>SECTIONS AND DETAILS</b>		
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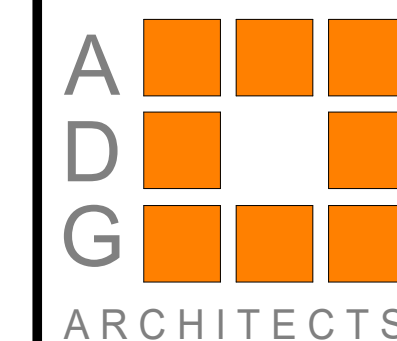


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Project: **POLICE STATION**  
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YORK

Drawing: SECTIONS AND DETAILS



Project: 23321	Date: 2/24/2025
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Drawn: <b>Author</b>	Scale: <b>AS NOTED</b>
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Drawing Number
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S303



HVAC GENERAL NOTES

- A GENERAL NOTES, SYMBOLS LIST AND DETAILS ARE APPLICABLE TO ALL DRAWINGS WITHIN DIVISION 23.
- B COORDINATE WORK OF DIVISION 23 WITH THAT OF OTHER SECTIONS.
- C READ SPECIFICATIONS FOR REQUIREMENTS PERTAINING TO THESE DOCUMENTS.
- D FITTINGS SHOWN ARE TO BE PROVIDED. NO SUBSTITUTES SHALL BE ALLOWED WITHOUT PRIOR CONSENT FROM ARCHITECT/ENGINEER.
- E INSTALL DUCTWORK AND PIPING CONCEALED, UNLESS SPECIFIED OTHERWISE.
- F ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN PIPING AND DUCTS (INCLUDING DIVIDED DUCTS) AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- G VERIFY ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. VERIFY AND PROVIDE DUCT TRANSITIONS TO FURNISHED EQUIPMENT. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION.
- H ALL MATERIAL AND EQUIPMENT SHALL BE NEW.
- I INSTALL ALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS AND LOCAL, STATE, AND NATIONAL CODES.
- J MECHANICAL CONTRACTOR SHALL PROVIDE ALL PENETRATIONS THROUGH WALLS, FLOORS AND ROOFS NECESSARY FOR INSTALLATION OF MECHANICAL SYSTEMS. DO NOT DRILL, CORE OR CUT AND PORTION OF COLUMNS, BEAMS, JOISTS OR BRIDGING RIBS.
- K MECHANICAL CONTRACTOR TO PROVIDE CUSTOM COLOR SELECTION FOR WALL CAPS, ROOF JACKS, VENT TERMINATIONS AND LOUVERS. ARCHITECT TO SELECT COLOR OF EQUIPMENT.
- L PROVIDE INSULATED REFRIGERANT PIPING BETWEEN EACH FAN COIL UNIT AND HEAT PUMP UNIT. PIPING SHALL BE SIZED AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS. CAULK AND SEAL REFRIGERANT PIPE PENETRATION THROUGH EXTERIOR WALL. WEATHER-TIGHT.
- M COORDINATE FINAL DUCTWORK ROUTING AND FITTINGS WITH APPROVED TRUSS DESIGN. MODIFY LAYOUT AS NECESSARY TO ROUTE DUCTWORK THROUGH TRUSS WEBS.
- N REFER TO MANUFACTURER'S INSTRUCTIONS FOR SIZING AND INSTALLATION OF REFRIGERANT PIPING IN "LONG LINE" APPLICATIONS.
- O PROVIDE MASTIC SEALANT ON ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS, AND CONNECTIONS IN DUCTWORK. MASTIC SEALANT SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A OR UL 181B. DUCTWORK SHALL BE INSPECTED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION OF INSULATION. SEALANT SHALL BE LOW VOC.
- P WALL CAPS AND ROOF JACKS SHALL BE CORROSION RESISTANT GALVANIZED STEEL WITH BIRD SCREEN AND BACK DRAFT DAMPER. CUSTOM COLOR SELECTION BY ARCHITECT.
- Q MOUNTING HEIGHT FOR THERMOSTATS SHALL BE 48" TO TOP OF COVER, ABOVE FINISHED FLOOR.
- R MAINTAIN A MINIMUM 36" CLEARANCE BETWEEN SUPPLY DIFFUSERS/REGISTERS AND SMOKE DETECTORS.
- S COORDINATE DUCTWORK ROUTING AND INSTALLATION WITH OTHER TRADES.
- T CONTRACTOR SHALL PROVIDE REFRIGERANT CHARGE TEST CERTIFICATION. CHARGE TEST TO BE PERFORMED BY A QUALIFIED TECHNICIAN.

HVAC SYMBOL LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING WORK TO BE REMOVED		COMPRESSED AIR
	POINT OF CONNECTION		VENT
	POINT OF DISCONNECTION		BOILER BLOW DOWN
	DRAWING KEYNOTE		CONDENSER WATER SUPPLY
	DEMOLITION KEYNOTE		CONDENSER WATER RETURN
	THOUSAND BTU/HOUR		CHILLED WATER SUPPLY
	NOT TO SCALE		CHILLED WATER RETURN
	EXISTING		DRAIN
	ACOUSTIC THERMAL LINING - 1-1/2" THICK		FUEL OIL FILL
	ACOUSTIC THERMAL LINING - 2" THICK		FUEL OIL GAUGE
	DOUBLE WALL LINED DUCT		FUEL OIL SUPPLY
	FEET PER MINUTE		FUEL OIL RETURN
	CUBIC FEET PER MINUTE		FUEL OIL TANK VENT
	OPPOSED BLADE VOLUME DAMPER		GAS
	ABOVE FINISHED FLOOR		GLYCOL SUPPLY
	ACCESS DOOR		GLYCOL RETURN
	WALL TO WALL		HEAT PUMP WATER SUPPLY
	GENERAL CONTRACTOR		HEAT PUMP WATER RETURN
	MECHANICAL CONTRACTOR		HOT WATER SUPPLY
	PLUMBING CONTRACTOR		HOT WATER RETURN
	ELECTRICAL CONTRACTOR		LOW PRESSURE STEAM
	NORMALLY OPEN		LOW PRESSURE CONDENSATE
	NORMALLY CLOSED		MEDIUM PRESSURE STEAM
	FLEXIBLE DUCTWORK		MEDIUM PRESSURE CONDENSATE
	DUCT SECTION - FLAT OVAL (FO)		HIGH PRESSURE STEAM
	ROUND DUCT - 12 INCHES		HIGH PRESSURE CONDENSATE
	DUCT SECTION - SUPPLY		PUMPED CONDENSATE
	DUCT SECTION - RETURN		REFRIGERANT DISCHARGE
	WIDTH A x DEPTH B		REFRIGERANT LIQUID
	TRANSITION SQUARE TO ROUND		REFRIGERANT SUCTION
	RISE IN DUCT - IN DIRECTION OF AIRFLOW		HOT GAS
	DROP IN DUCT - IN DIRECTION OF AIRFLOW		VACUUM
	SUPPLY DUCT TURNING UP OR DOWN		DOMESTIC COLD WATER
	RETURN DUCT TURNING UP OR DOWN		TRIPLE DUTY VALVE
	SUPPLY/RETURN RECTANGULAR MAIN RECTANGULAR BRANCH		GLOBE VALVE
	SUPPLY/RETURN RECTANGULAR MAIN ROUND BRANCH		BALL VALVE
	SUPPLY/RETURN ROUND MAIN ROUND BRANCH		GATE VALVE
	SUPPLY/RETURN ROUND MAIN ROUND BRANCH		CONTROL VALVE
	MITERED ELBOW WITH TURNING VANES		THREE WAY CONTROL VALVE
	SUPPLY DIFFUSER, REGISTER OR GRILLE		CHECK VALVE
	RETURN REGISTER		BALANCING VALVE
	EXHAUST GRILLE		BUTTERFLY VALVE
	FIN TUBE RADIATION		RELIEF VALVE
	VALANCE		PRESSURE REDUCING VALVE
	REGISTER, GRILLE OR DIFFUSER TAG		PRESSURE/TEMPERATURE TEST PLUG
	LINEAR DIFFUSER TAG		SINGLE LINE PIPE CONTINUED
	FIN TUBE RADIATION TAG		DOUBLE LINE PIPE OR ROUND DUCT CONTINUED
	VALANCE TAG		DOUBLE LINE RECTANGULAR DUCT CONTINUED
	AIR TERMINAL UNIT TAG (OPTION 1)		AIR FLOW
	AIR TERMINAL UNIT TAG (OPTION 2)		PIPE ANCHOR
			PIPE GUIDE
			EXPANSION COMPENSATOR WITH GUIDES
			PRE-FAB EXPANSION LOOP
			STRAINER
			PRESSURE GAUGE
			THERMOMETER
			UNION
			AIR VENT
			THERMOSTATIC TRAP
			FLOAT & THERMOSTATIC TRAP
			THERMODYNAMIC TRAP
			BUCKET TRAP
			DIRECTION OF FLOW
			REDUCER
			CAP OR PLUG
			ELBOW DOWN
			ELBOW UP
			BOTTOM TAP
			AUTOMATIC AIR DAMPER
			FIRE DAMPER
			SMOKE DAMPER
			COMBINATION FIRE/SMOKE DAMPER
			BACK DRAFT DAMPER
			FLEX CONNECTOR - DUCTWORK
			MOTORIZED DAMPER
			BLAST GATE
			VOLUME DAMPER
			SUCTION DIFFUSER
			FLEXIBLE CONNECTOR - PIPING
			DRAIN VALVE WITH HOSE CONNECTION, CAP AND CHAIN
			WATER FLOW SENSOR
			WATER TEMPERATURE SENSOR
			STATIC PRESSURE SENSOR
			HUMIDISTAT
			TEMPERATURE SENSOR
			CARBON DIOXIDE SENSOR
			CARBON MONOXIDE SENSOR
			NITROGEN DIOXIDE SENSOR
			GAS SENSOR
			PNEUMATIC/ELECTRIC THERMOSTAT
			THERMOSTAT/SENSOR WITH GUARD
			DUCT SMOKE DETECTOR



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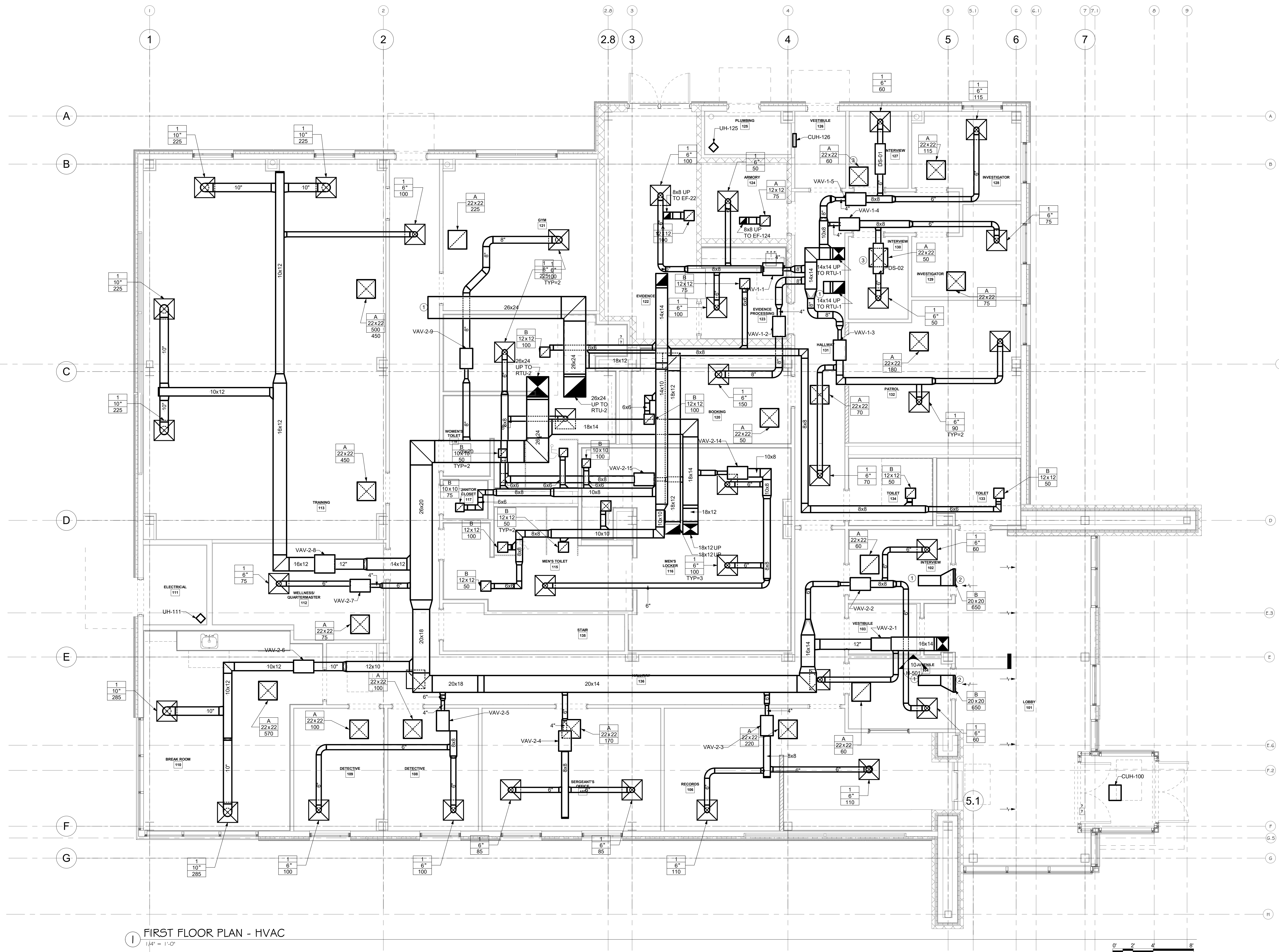
Drawing: HVAC GENERAL NOTES, SYMBOLS &  
ABBREVIATIONS

Project: 23138 Date: 2/24/25  
Drawn: JDH Scale: AS NOTED  
Drawing Number: H-001



H-101 DRAWING...

- 1 OPEN ENDED DUCT. CUT AT 45 DEGREE ANGLE.
- 2 RETURN GRILLE TO BE CENTERED ON DOOR FRAME. MOUNT AS HIGH AS POSSIBLE WHILE KEEPING ASSOCIATED DUCTWORK IN FIRST FLOOR CEILING SPACE.
- 3 PROVIDE PRICE RETURN AIR SILENCER (RAS) AT RETURN GRILLE. SIZE OF RAS TO MATCH RETURN GRILLE SIZE.



1 FIRST FLOOR PLAN - HVAC  
1/4" = 1'-0"

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**KEY PLAN**

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Project: TOWN OF MONTGOMERY POLICE STATION  
110 BRACKEN ROAD, MONTGOMERY,  
NEW YORK 12549

Drawing: FIRST FLOOR PLAN - HVAC



Project: 23138 Date: 2/24/25

Drawn: JDH Scale: AS NOTED

Drawing Number:

H-101



- H-102 DRAWING...** ⓧ
- 1 PROVIDE WALL MOUNTED MINISPLIT ROUGH-IN BOX MODEL RBX3-MD-NC OR EQUIVALENT. INSTALL ALL DRAIN LINES, LINE SETS, AND ELECTRICAL THROUGH ROUGH IN BOX PER MANUFACTURER INSTALLATION INSTRUCTIONS.
  - 2 OPEN ENDED DUCT. CUT AT 45 DEGREE ANGLE.

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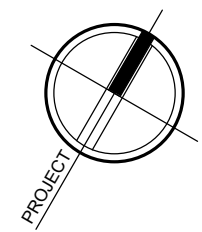
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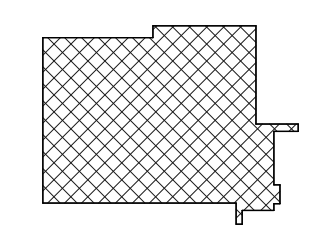
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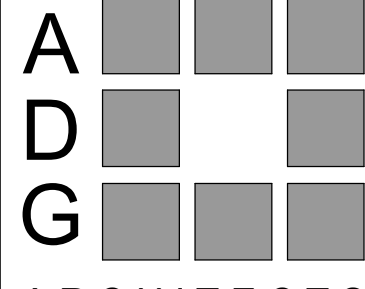
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Project: TOWN OF MONTGOMERY POLICE STATION  
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Drawing: SECOND FLOOR & ROOF PLAN - HVAC

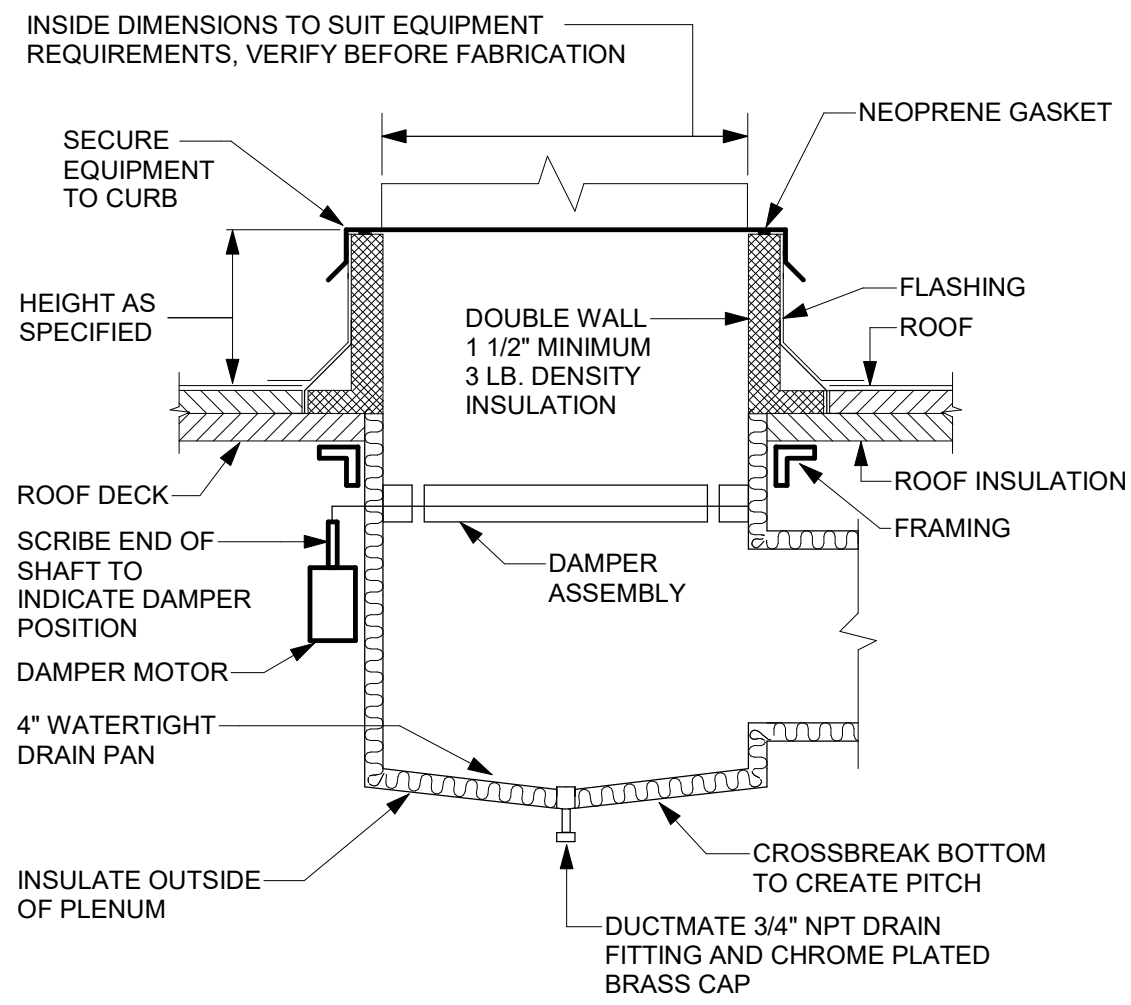


Project: 23138 Date: 2/24/25  
Drawn: JDH Scale: AS NOTED  
Drawing Number:

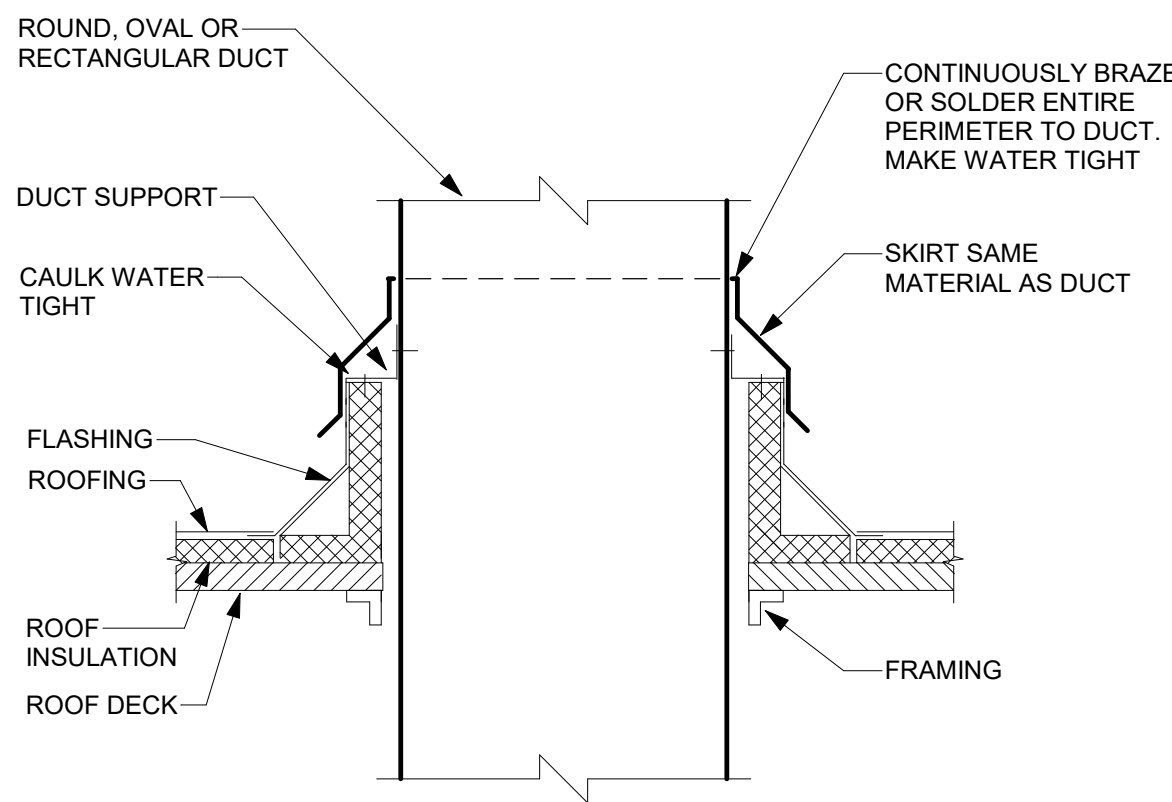
H-102

SECOND FLOOR & ROOF PLAN - HVAC  
1/4" = 1'-0"

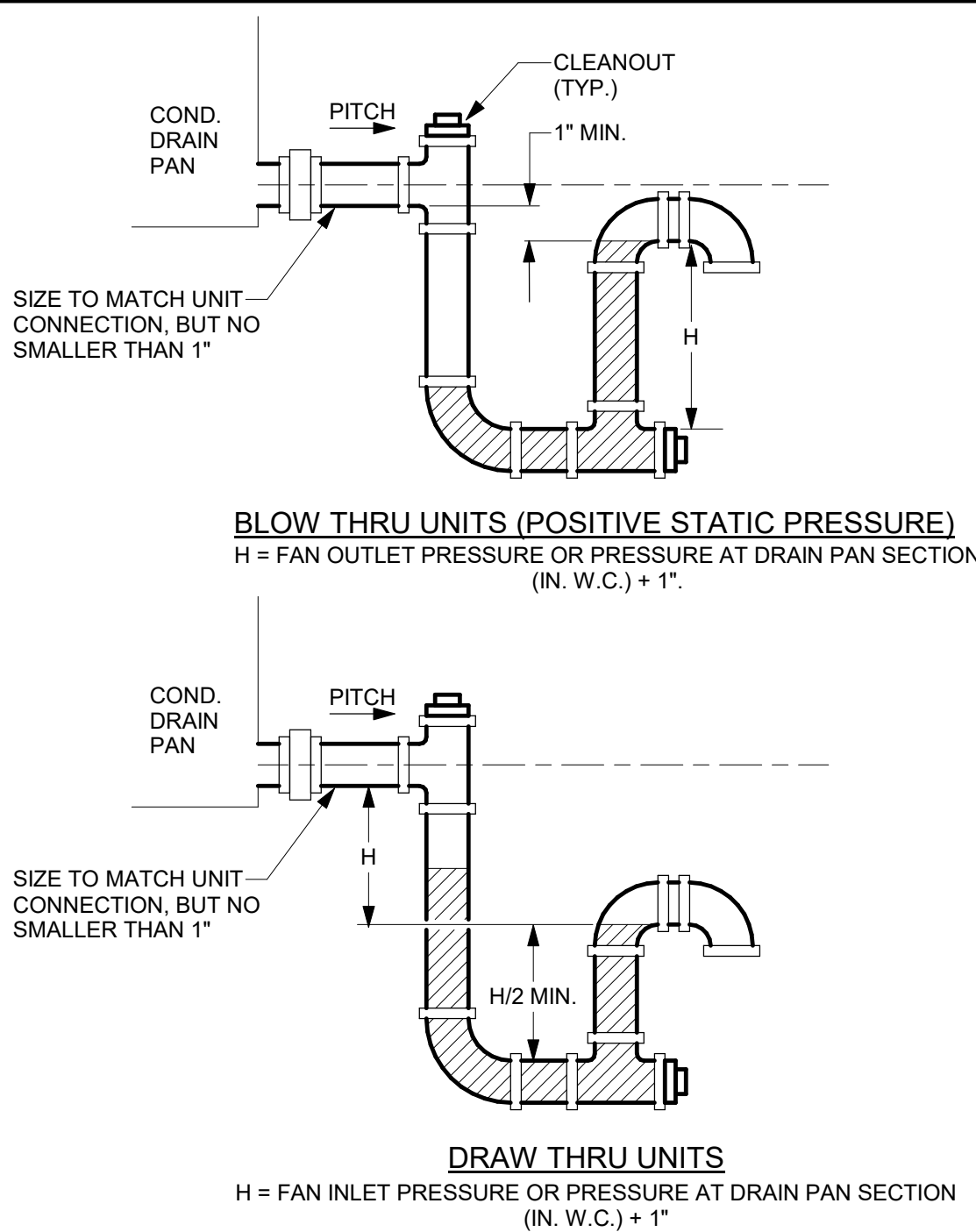




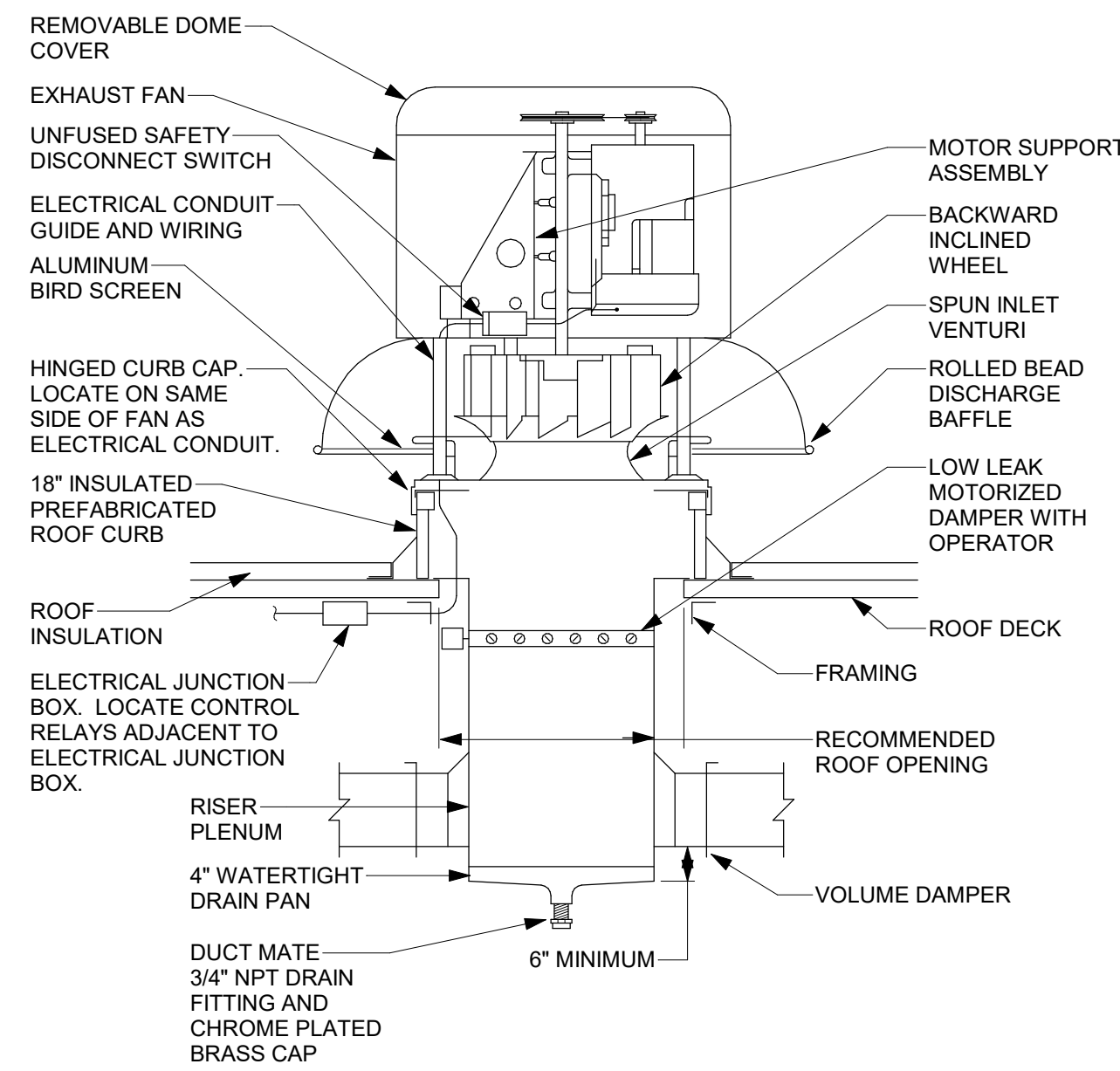
- DETAIL NOTES:
- PROVIDE ROOF OPENING, FRAMING AND FLASHING.
  - LOCATE, SET AND SECURE CURB.
  - PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.
  - PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.



- DETAIL NOTES:
- PROVIDE ROOF OPENING, FRAMING AND FLASHING.
  - LOCATE, SET AND SECURE CURB.
  - PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.
  - PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.



- DETAIL NOTES:
- AS AN ALTERNATE, IT IS ACCEPTABLE TO PIPE THE TRAP EXACTLY AS SHOWN IN THE MANUFACTURER'S INSTALLATION MANUAL.



- DETAIL NOTES:
- BELT DRIVEN FAN SHOWN, DIRECT DRIVE SIMILAR.
  - REFER TO ROOF CURB DETAIL.
  - PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

#### 1 ROOF CURB DETAIL

NOT TO SCALE

#### 2 DUCT PENETRATION CURB DETAIL

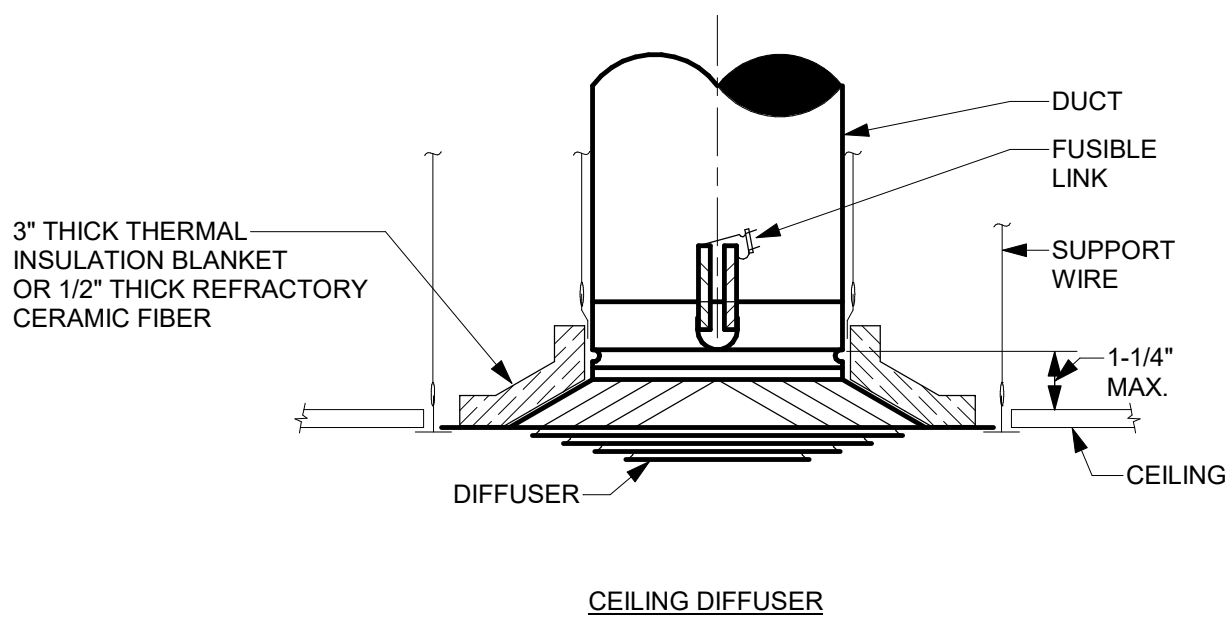
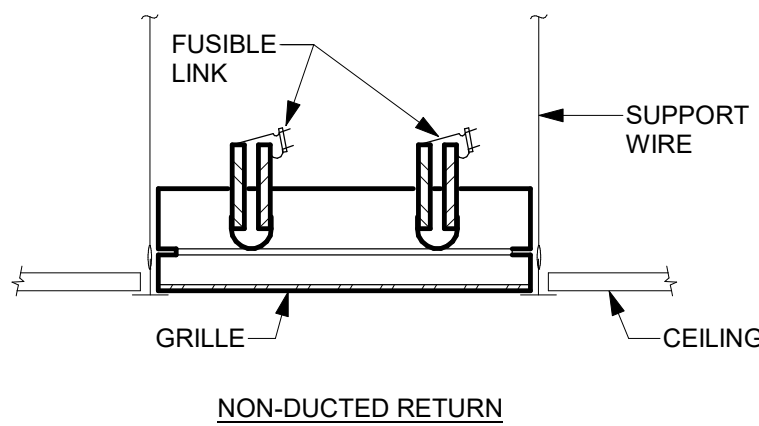
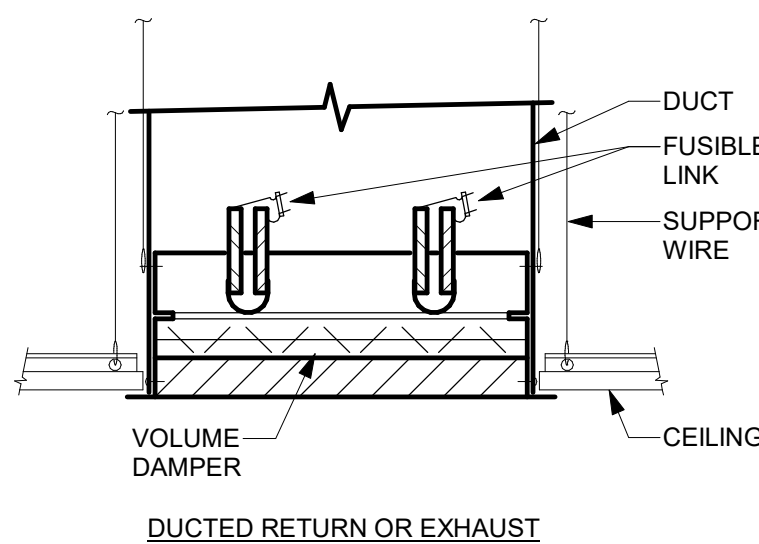
NOT TO SCALE

#### 3 ROOFTOP UNIT CONDENSATE DRAIN TRAP DETAIL

NOT TO SCALE

#### 4 DOWNBLAST EXHAUST FAN DETAIL

NOT TO SCALE

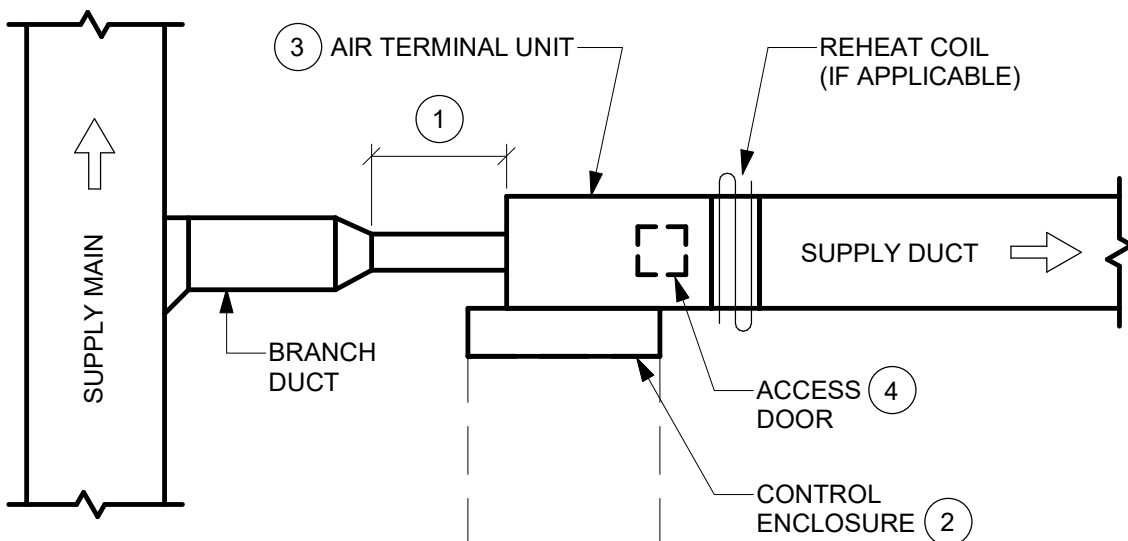


#### 5 FIRE DAMPER AT CEILING PENETRATION DETAIL

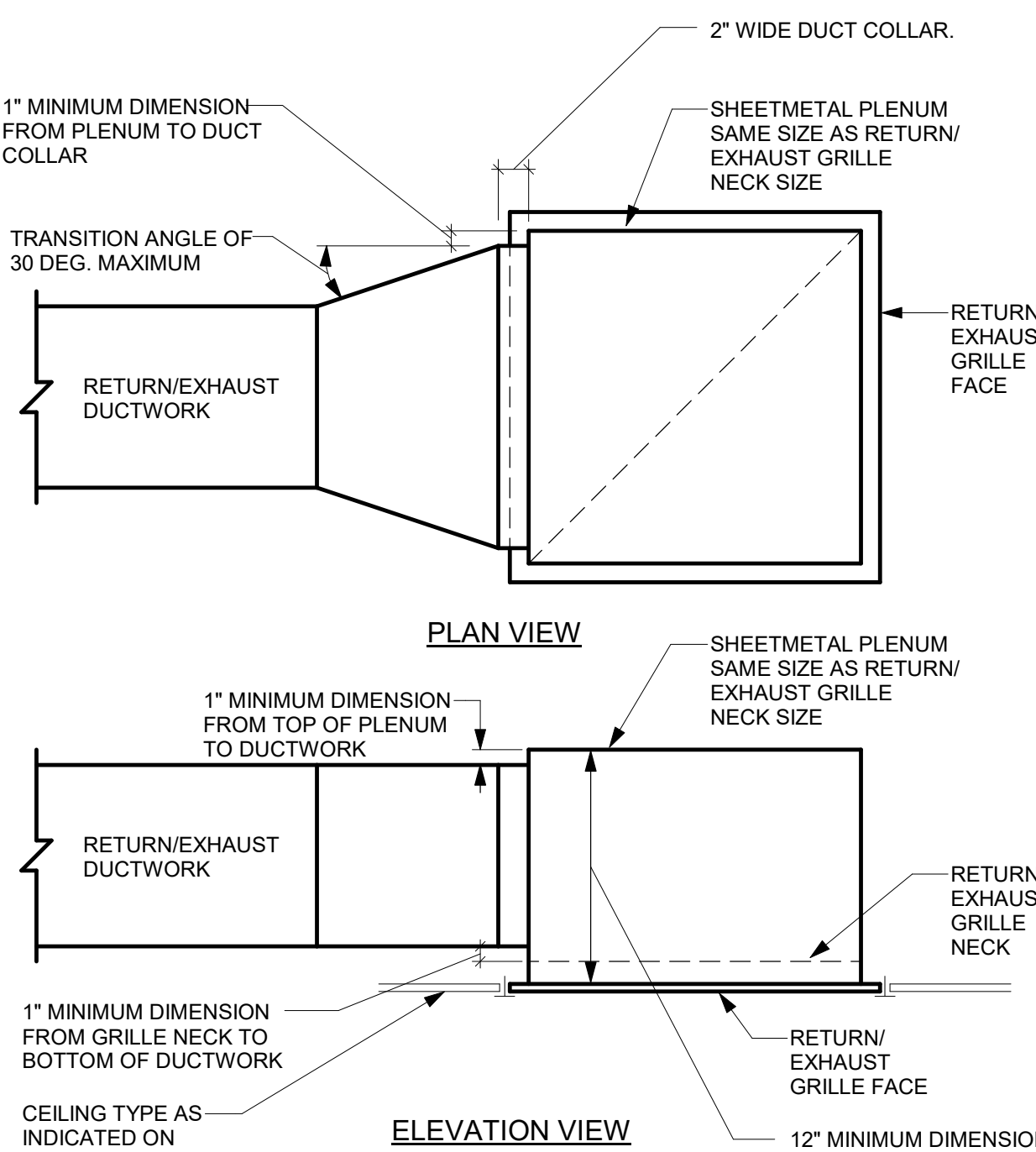
NOT TO SCALE

#### 6 VAV BOX DETAIL

NOT TO SCALE



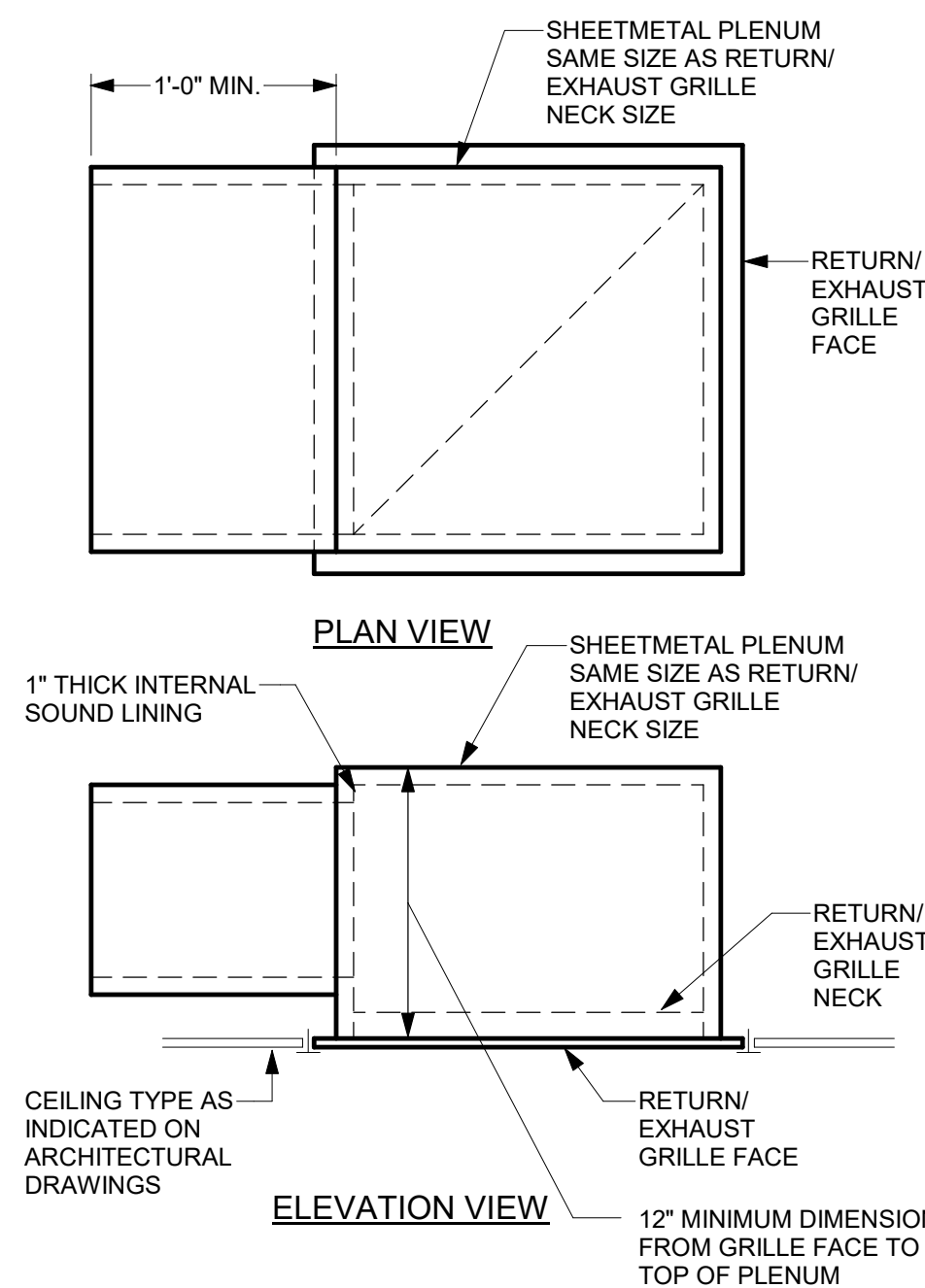
- KEYED NOTES:
- RIGID STRAIGHT DUCTWORK UPSTREAM OF THE TERMINAL UNIT SHALL BE A MINIMUM OF 3 TIMES THE DIAMETER OF INLET. NOT TO EXCEED 5'-0" TOTAL IN LENGTH.
  - MAINTAIN MINIMUM 1'-6" SERVICE CLEARANCE IN FRONT OF ENCLOSURE TO ALLOW FOR SERVICE/ACCESS.
  - COMPONENT ARRANGEMENT MAY VARY BY MANUFACTURER. PROVIDE INSULATION VAPOR BARRIER AS SPECIFIED.
  - ACCESS DOOR TO BE LOCATED AT THE BOTTOM OF THE UNIT. CONTRACTOR TO COORDINATE COIL AND CONTROL ENCLOSURE HANDING. ROTATING UNIT IN FIELD SUCH THAT ACCESS DOOR IS ON TOP OF UNIT IS NOT ACCEPTABLE.



- DETAIL NOTES:
- PAINT INSIDE OF PLENUM BOX FLAT BLACK IF INTERNAL SOUND LINING IS NOT SPECIFIED.
  - ALSO APPLICABLE TO REGISTERS.

#### 7 RETURN/EXHAUST GRILLE PLENUM DETAIL - DUCTED

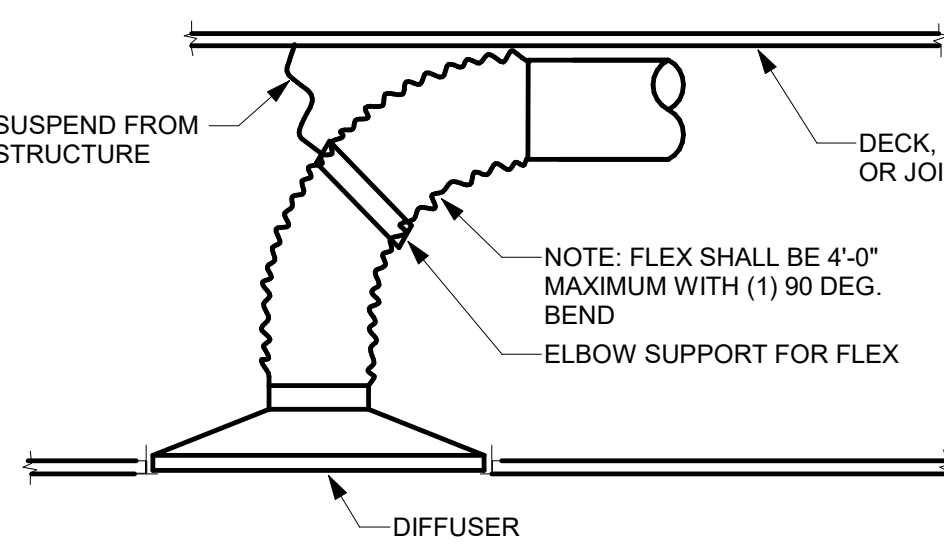
NOT TO SCALE



- DETAIL NOTES:
- PAINT INSIDE OF PLENUM BOX FLAT BLACK IF INTERNAL SOUND LINING IS NOT SPECIFIED.
  - ALSO APPLICABLE TO REGISTERS.

#### 8 RETURN/EXHAUST GRILLE PLENUM DETAIL - NON-DUCTED

NOT TO SCALE

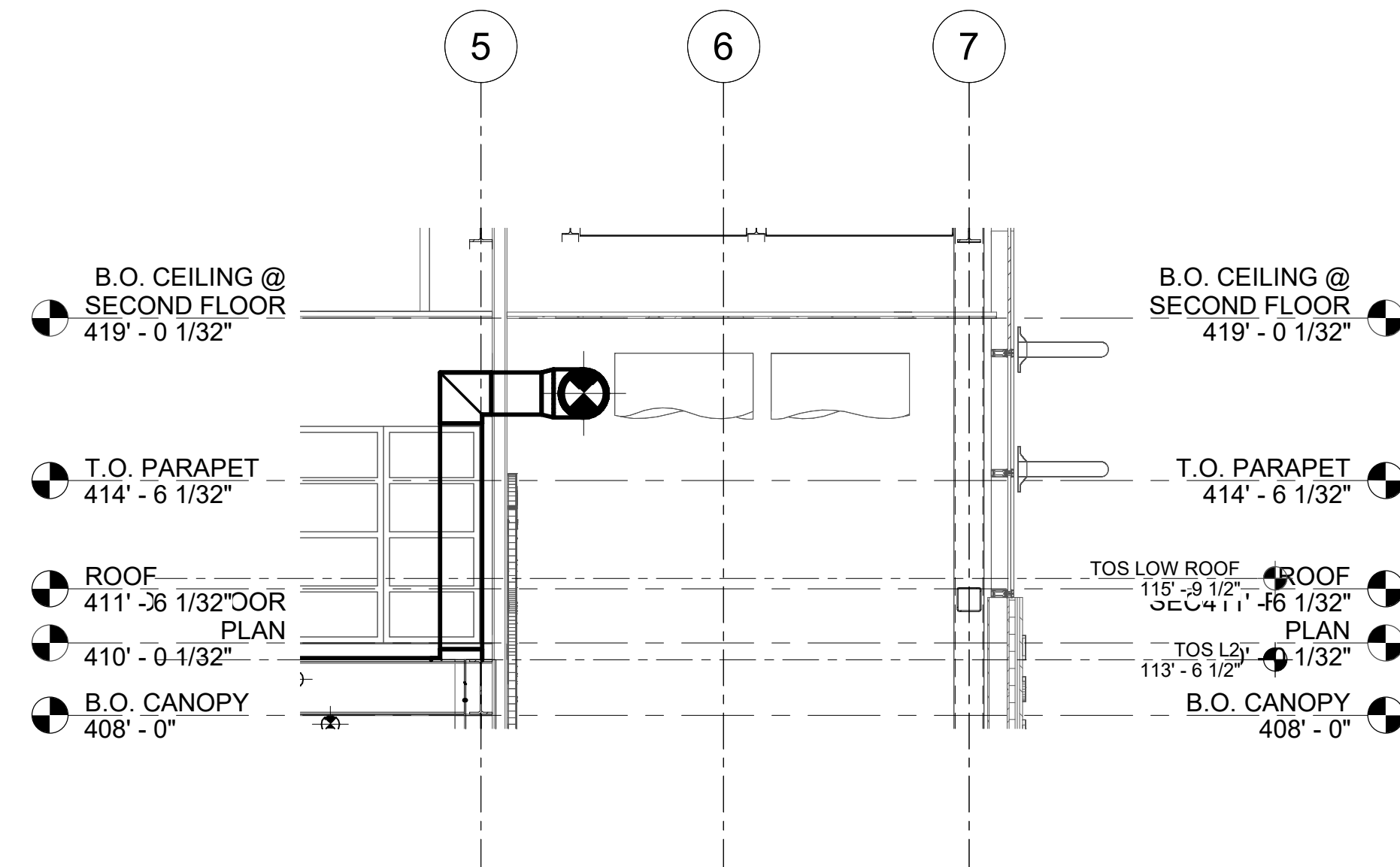


#### 9 SUPPLY AIR DIFFUSER DETAIL - RADIUS FLEXIBLE DUCT - STRAP

NOT TO SCALE

#### 10 LOBBY DUCTWORK SECTION

1/4" = 1'-0"



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Project: **TOWN OF MONTGOMERY POLICE STATION**  
110 BRACKEN ROAD, MONTGOMERY,  
NEW YORK 12549

Drawing: **HVAC DETAILS**



Project: 23138 Date: 2/24/25

Drawn: JDH Scale: AS NOTED

Drawing Number:

**H-501**



PACKAGED ROOFTOP AIR HANDLING UNIT SCHEDULE - DX/ELECTRIC (1 OF 2)																																								
UNIT NO.	LOCATION	SERVICE	SUPPLY FAN										RETURN/POWER EXHAUST FAN										COOLING COIL (DX)										HEATING COIL (ELECTRIC)							
			AIR FLOW (CFM)	EXT. STATIC (IN. WC)	TOTAL STATIC (IN. WC)	FAN CHARACTERISTICS	FAN NO. & MIN DIA.	MAX BHP	MOTOR HP	FAN RPM	DRIVE	AIR FLOW (CFM)	EXT. STATIC (IN. WC)	TOTAL STATIC (IN. WC)	FAN CHARACTERISTICS	FAN NO. & MIN DIA.	MAX BHP	MOTOR HP	FAN RPM	DRIVE	TOTAL SENS CAPACITY (MBH)	DB (DEG. F)	WB (DEG. F)	FACE VEL (FPM)	ROWS	FIN. PER INCH	AIR P.D. (IN. WC)	TYPE	CAPACITY (KW)	AIR FLOW (CFM)	ENT. AIR TEMP. (DEG. F)	LVG. AIR TEMP. (DEG. F)	AIR P.D. (IN. WC)	MIN. FACE VELOCITY (FPM)						
RTU-1	ROOF	VAV-1(1-5)	1000		1.8	SWSI	2 - 12	0.53	1.2	2107	DIRECT	1000			SWSI	2 - 18	1.13	2.4	1669	DIRECT	151.5	27.9	77.4	63.9	50.7	51.1	207.0	4	16	0.15	SCR	12	1000	57.0	94.7	0.11				
RTU-2	ROOF	VAV-2(1-15)	5250		4.3	SWSI	2 - 18	5.41	7.0	2446	DIRECT	5250	0.50		SWSI	2 - 18	1.13	2.4	1669	DIRECT	35.7	125.5	128.4	77.5	63.9	54.1	53.8	340.2	4	15	0.40	SCR	18	5250	57.0	97.8	0.37			

PACKAGED ROOFTOP AIR HANDLING UNIT SCHEDULE - DX /ELECTRIC (2 OF 2)																											
UNIT NO.	COMBO FILTER RACK						CONDENSING UNIT				UNIT ELEC. CHARACTERISTICS								MANUFACTURER & MODEL		REMARKS						
		WIDTH (INCH)	MERV RATING	MERV RATING	FACE VELOC. (FPM)	AIR P.D. (IN. WC)	CAPACITY (TONS)	REFRIGERANT	AMBIENT AIR TEMP. (DEG. F)	PERFORMANCE MINIMUM EFFICIENCY	TEST PROCEDURE	KW	VOLTS	PHASE	FLA	MCA	MOP	SCCR									
RTU-1		2	8	14	140.8	0.07		R32		13.5 EER	AHRI 365	208	5	60.7	73.8	80	10		DAIKIN DPHS03B								
RTU-2		2	8	14	291.7	0.40		R32		11.9 EER	AHRI 365	208	3	132.2	158.2	175	10		DAIKIN DPHS12B								

SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE - HEAT PUMP TYPE																																
UNIT NO.		LOCATION		INDOOR UNIT		OUTDOOR UNIT										HEATING (5 DEG.)		EFFICIENCY		MANUFACTURER & MODEL No.		REMARKS										
INDOOR	OUTDOOR	INDOOR	OUTDOOR	UNIT TYPE	AIR FLOW (CFM)	COOLING CAPACITY (BTU/H)	MINIMUM CAPACITY (BTU/H)	EAT (DEG. F)	DB	WB	VOLTS	PHASE	MCA	FLA	SOUND PRESSURE (dBA)	REFRIGERA.	VOLTS	PHASE	MCA	FLA	BREAKER SIZE (AMPS)	EAT (DEG. F)	DB	WB	SOUND PRESSURE (dBA)	MAXIMUM CAPACITY (BTU/H)	MINIMUM (COP)	MINIMUM (SEER)	INDOOR UNIT	OUTDOOR UNIT		
AC-01	ACCU-01	202-IT CLOSET	ROOF	WALL	915	33,200	10,300	80	67		208	1	1.0	0.76	53	R410A	208	1	19.0	0.93	20	95	75	57	20,500	2.29	16.2		TRANE MSZ-GS36NA	TRANE MUZ-GS36NA	1, 2, 3	

REMARKS:  
1. CONDENSATE PUMP.  
2. PROVIDE UNIT WITH 2" GASKETED FRAME FILTER.  
3. INDOOR UNIT POWERED BY OUTDOOR UNIT.

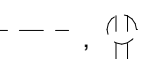
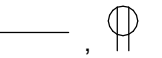
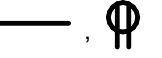

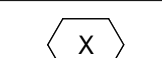




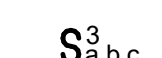





VAV - SINGLE DUCT - AIR TERMINAL UNIT SCHEDULE - ELECTRIC REHEAT																									
UNIT NO.	SERVICE	MAX AIR FLOW (CFM)	MIN AIR FLOW (CFM)	MIN INLET PRESS AT MAX CFM (In. WC)	INLET SIZE (In.)	RAD N.C. AT 1" S.P.	DISCH N.C. AT 1" S.P.	CAPACITY (KW)	NO OF STEPS	AIR SIDE HEATING AIR FLOW (CFM)	ENT. AIR TEMP. (DEG. F)	LVG AIR TEMP. (DEG. F)	AIR P.D. (In. WC)	ELEC. CHARACTERISTICS				MANUFACTURER & MODEL...				REMARKS			
														VOLTS	PHASE	MCA	MOP								
VAV-1-1	122-EVIDENCE 123-EVIDENCE PROC.	250	125	0.06	4	10	18	1.4	2-10	125	55	85	0.50	208	1	8.4	15			DAIKIN MQTHIS					
VAV-1-2	120-BOOKING	150	125	0.03	4	3	16	1.4	2-10	125	55	85	0.50	208	1	8.4	15			DAIKIN MQTHIS					
VAV-1-3	131-HALLWAY 132-PATROL	250	175	0.06	4	10	18	1.8	2-10	175	55	85	0.50	208	1	10.8	15			DAIKIN MQTHIS					
VAV-1-4	128-INVESTIGATOR 130-INTERVIEW	125	100	0.02	4	3	14	1.0	2-10	100	55	85	0.50	208	1	6.0	15			DAIKIN MQTHIS					
VAV-1-5	127-INTERVIEW 128-INVESTIGATOR	175	125	0.03	4	6	17	1.4	2-10	125	55	85	0.50	208	1	8.4	15			DAIKIN MQTHIS					
VAV-2-1	101-LOBBY	1300	1250	0.05	12	13	11	13.0	2-10	1250	55	85	0.50	208	3	45.1	50			DAIKIN MQTHIS					
VAV-2-2	102-INTERVIEW 103-CORRIDOR 104-JUVENILE	125	75	0.02	4	3	14	0.8	2-10	75	55	85	0.50	208	1	4.8	15			DAIKIN MQTHIS					
VAV-2-3	105-DISPATCH 106-RECORDS	225	210	0.05	4	8	17	2.2	2-10	210	55	85	0.50	208	1	13.2	15			DAIKIN MQTHIS					
VAV-2-4	107-SARGEANT 108-DETECTIVE	175	165	0.03	4	6	17	1.8	2-10	165	55	85	0.50	208	1	10.8	15			DAIKIN MQTHIS					
VAV-2-5	109-DETECTIVE	200	165	0.04	4	7	17	1.8	2-10	165	55	85	0.50	208	1	10.8	15			DAIKIN MQTHIS					
VAV-2-6	110-BREAK ROOM 112-QUARTERMASTER	575	565	0.01	10	11	13	6.0	2-10	565	55	85	0.50	208	1	36.1	40			DAIKIN MQTHIS					
VAV-2-7	113-HALLWAY	225	200	0.05	4	8	17	2.0	2-10	200	55	85	0.50	208	1	12.0	15			DAIKIN MQTHIS					
VAV-2-8	113-TRAINING ROOM	1000	985	0.03	12	10	9	10.0	2-10	985	55	85	0.50	208	3	34.7	35			DAIKIN MQTHIS					
VAV-2-9	121-GYM	225	210	0.05	4	8	17	2.2	2-10	210	55	85	0.50	208	1	13.2	15			DAIKIN MQTHIS					
VAV-2-10	201-RECORDS 206-STORAGE	300	275	0.07	4	14	16	2.8	2-10	275	55	85	0.50	208	1	16.8	20			DAIKIN MQTHIS					
VAV-2-11	203-CHIEF	225	220	0.05	4	8	17	2.2	2-10	220	55	85	0.50	208	1	13.2	15			DAIKIN MQTHIS					
VAV-2-12	204-LIEUTENANT	150	125	0.03	4	3	16	1.4	2-10	125	55	85	0.50	208	1	8.4	15			DAIKIN MQTHIS					
VAV-2-13	205-CONFERENCE	400	375	0.04	8	11	16	3.8	2-10	375	55	85	0.50	208	1	22.8	25			DAIKIN MQTHIS					
VAV-2-14	115-MENS RESTROOM 116-MENS LOCKER	300	250	0.07	4	14	16	2.6	2-10	250	55	85	0.50	208	1	15.6	20			DAIKIN MQTHIS					
VAV-2-15	117-WOMENS 118-WOMENS LOCKER	200	150	0.04	4	7	17	1.6	2-10	150	55	85	0.50	208	1	9.6	15			DAIKIN MQTHIS					








FAN SCHEDULE																						
UNIT NO.	LOCATION	SERVICE	FAN CHARACTERISTICS										MOTOR CHARACTERISTICS								MANUFACTURER & MODEL NO.	REMARKS
			TYPE	BLADE TYPE	CFM	S.P. (In. WC)	MAX. BHP	FAN RPM	MAX. TIP SPEED (RPM)	MAX. OUTLET VELOCITY (FPM)	SONES	DRIVE	RPM	HP	VOLTS	HZ	PHASE	STARTER				
EF-1	ROOF	EXHAUST	DOWNBLAST	BI	1,050	0.5	0.16	1175	4016	1129	8.4	DIRECT	1,200	1/4	208	60	3	ASD	GREENHECK G-120-VG			
EF-122	ROOF	EXHAUST	DOWNBLAST	BI	100	0.25	0.01	1479	3146	526	3.3	DIRECT	1725	1/15	120	60	1	ASD	GREENHECK G-060-VG			
EF-124	ROOF	EXHAUST	DOWNBLAST	B	75	0.25	0.01	1387	2950	395	2.8	DIRECT	1725	1/15	120	60	1	ASD	GREENHECK G-060-VG			








GENERAL NOTES	
(APPLY TO ALL DRAWINGS):	
A.	PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES TO PERFORM ALL OPERATIONS REQUIRED FOR THE COMPLETE INSTALLATION AND RELATED WORK AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN. ELECTRIC EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
B.	PROVIDE ALL ELECTRICAL EQUIPMENT CONNECTIONS.
C.	PROVIDE ALL REQUIRED SUPPORTS AND ACCESSORIES.
D.	PROVIDE ALL WORK IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE LATEST EDITION OF THE: 1. BUILDING CODE OF NEW YORK STATE 2. ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE 3. OSHA REQUIREMENTS 4. LOCAL MUNICIPAL ORDINANCES AND CODES 5. AUTHORITY HAVING JURISDICTION (AHJ) 6. SERVING UTILITY COMPANIES
E.	PROVIDE ELECTRICAL INSPECTION CERTIFICATE FROM INSPECTION AGENCY RECOGNIZED AS ACCEPTABLE FROM THE AHJ.
F.	ALL RECEPTACLES INDICATED AS GFI TYPE MUST BE A GFI RECEPTACLE. CONNECTING NORMAL RECEPTACLES DOWNSTREAM OF ONE GFI RECEPTACLE IS NOT ACCEPTABLE. PROVIDE TEMPORARY ELECTRICAL SERVICE IN SIZES TO ACCOMMODATE CONSTRUCTION WHERE REQUIRED.
G.	REPAIR OR REPLACE ALL DEFECTS IN MATERIAL OR WORKMANSHIP WITHIN ONE YEAR OF CONSTRUCTION CLOSE OUT DATE AT NO ADDITIONAL COST TO THE OWNER.
H.	PERFORM ALL OPERATIONS REQUIRED FOR A COMPLETE SYSTEM TEST. PRIOR TO CLOSE OUT DATE SUBMIT ALL SATISFACTORY SYSTEM TEST RESULTS FOR RECORD.
J.	SUBMITTALS: 1. ALL ITEMS OF EQUIPMENT AND MATERIALS PROVIDED SHALL BE SUBMITTED FOR ENGINEERING REVIEW. 2. SUBMIT A MINIMUM OF THREE COPIES OF SHOP DRAWINGS/PRODUCT DATA INFORMATION.
K.	CONTRACTOR IS HERE BY CAUTIONED THAT ELECTRIC POWER CHARACTERISTICS (VOLTAGE, PHASE, HORSEPOWER, AMPERAGE, ETC.) OF EQUIPMENT IS BASED ON AVAILABLE INFORMATION AT THE TIME OF PROJECT DESIGN. CONTRACTOR MUST VERIFY CHARACTERISTICS FOR EACH PIECE OF NEW EQUIPMENT PRIOR TO ORDERING ELECTRICAL EQUIPMENT. INDICATE VERIFICATION ON SUBMITTALS.
L.	LOCATIONS INDICATED FOR LIGHTING FIXTURES ARE APPROXIMATE. LOCATE FIXTURES AS REQUIRED TO AVOID INTERFERENCE WITH BUILDING STEEL, PIPING, DUCTWORK, CONDUIT, DIFFUSERS, GRILLES, SPEAKERS, SMOKE DETECTORS, ETC. FIELD COORDINATE EXACT LOCATIONS AS NEAR AS POSSIBLE TO THE LOCATION INDICATED. VERIFY COMPLIANCE WITH NEC ARTICLE 410.16 FOR INSTALLATION OF LIGHT FIXTURES IN CLOTHES CLOSETS. PRIOR TO ROUGH-IN, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.
M.	EXACT LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, EXIT SIGNS, ETC. SHALL BE COORDINATED WITH OTHER CEILING MOUNTED EQUIPMENT TO AVOID CONFLICT. LOCATE DEVICES AS NEAR AS POSSIBLE TO THE LOCATION INDICATED. FIRE ALARM SMOKE AND HEAT DETECTORS SHALL BE LOCATED 3'-0" MINIMUM FROM HVAC DIFFUSERS, REGISTERS, GRILLES, ETC. SMOKE DETECTORS AT SMOKE DOORS MUST BE INSTALLED WITHIN 5'-0" OF THE DOORS (REFER TO NFPA 72).
N.	ALL NEW CIRCUITING SHALL BE CONCEALED (EXCEPT IN UNFINISHED SPACES). PROVIDE ALL CUTTING AND PATCHING AS REQUIRED.
O.	CONTRACTOR SHALL REVIEW ALL TRADES' CONTRACT DOCUMENTS TO DETERMINE SPECIFIC MOUNTING LOCATIONS FOR ELECTRICAL EQUIPMENT. COORDINATE EXACT MOUNTING LOCATIONS WITH THE ARCHITECT AND OTHER CONTRACTORS. REFER TO ARCHITECTURAL PLANS FOR CASEWORK LAYOUT, ELEVATIONS, ETC. COORDINATE WITH LOCATIONS OF ELECTRICAL DEVICES AND OUTLETS
P.	EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT THAT REQUIRE ELECTRICAL CONNECTIONS ARE SHOWN ON THE MECHANICAL AND PLUMBING DRAWINGS.
Q.	PROVIDE CONDUIT/WIRING (CIRCUITING) AND REQUIRED CONNECTIONS TO ALL DEVICES/ EQUIPMENT. CONNECT TO CIRCUIT(S) AS INDICATED.
R.	COORDINATE ALL WORK WITH OTHER TRADES; REFER TO ARCHITECTURAL DRAWINGS FOR COORDINATING LOCATIONS.
S.	RE-INSTALL REMOVED SYSTEM DEVICES REMOVED AS A RESULT IN WALL, PARTITION OR CEILING REPLACEMENT WORK. PROVIDE POWER AND COMMUNICATION WALL AND PARTITION MOUNTED DEVICES AND RECONNECT TO EXISTING SYSTEMS. CLEAN EXISTING CEILING MOUNTED DEVICES. EXTEND EXISTING SYSTEM CIRCUITS AS REQUIRED FOR REINSTALLATION. COORDINATE WITH EXISTING SYSTEM MANUFACTURER.
T.	SLEEVE AND SEAL ALL WALL AND FLOOR PENETRATIONS. PROVIDE APPROPRIATE FIRE STOPPING FOR ALL PENETRATIONS.
U.	SHARED NEUTRAL SHALL NOT BE ALLOWED ON ANY BRANCH CIRCUITS. MAINTAIN SERVICE CLEARANCES OF ALL EQUIPMENT. ADVISE OTHER TRADES OF SERVICE CLEARANCES AND ENSURE NO SERVICES OR TRADES RUN THROUGH SERVICE AREA.
V.	ALL WIRING INDICATED ON PLANS IS TO BE COPPER WIRING UNLESS OTHERWISE NOTED.
W.	REFER TO ONE-LINE DIAGRAM. RATINGS TO MATCH THE RATING OF THE WALL/CEILING. UTILIZE FIRE RATED PUDDY PADS IN THESE LOCATIONS.
X.	REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING OF RECEPTACLES IN AND NEAR ALL MILLWORK AND CABINERY.
Y.	THE CONTRACTOR MUST FOLLOW FEDERAL AND STATE ELECTRICAL SAFETY PRACTICE INCLUDING LOCK OUT TAG OUT (LOTO). THE CONTRACTOR MUST AFFIX THEIR COMPANY'S INDIVIDUAL LOTO LOCKS AND TAGS TO CONTROL HAZARDOUS ENERGIES AND TO PREVENT INJURIES.
Z.	PROVIDE SURFACE MOUNTED BOXES AND SURFACE METAL RACEWAY FOR ALL DEVICES INDICATED TO BE INSTALLED ON EXISTING WALLS, UNLESS OTHERWISE NOTED; COLOR TO MATCH EXISTING WALL.
AA.	PROVIDE RECESSED BOXES AND RACEWAYS FOR ALL DEVICES INDICATED TO BE INSTALLED ON NEW WALLS, UNLESS OTHERWISE NOTED.







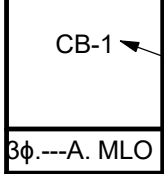

ABBREVIATIONS	
ABBREV.	DESCRIPTION
A	AMPERE
AC	MOUNTED ABOVE COUNTER HEIGHT
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CURRENT
AL	ALUMINUM
ASD	ADJUSTABLE SPEED DRIVE
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CU	COPPER
EC	ELECTRICAL CONTRACTOR/TRADE
FACP	FIRE ALARM CONTROL PANEL
G	GROUND
GC	GENERAL CONTRACTOR/TRADE
GEN	GENERATOR
GFCI/GFI	GROUND FAULT CIRCUIT INTERRUPTER
HH	HAND HOLE
HP	HORSE POWER
HVAC	HEATING, VENTILATION & AIR CONDITIONING CONTRACTOR/TRADE
JB	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LED	LIGHT EMITTING DIODE
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUG ONLY
MTS	MANUAL TRANSFER SWITCH
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
P	POLE
SMR	SURFACE METAL RACEWAY
SPEC	SPECIFICATION
TYP	TYPICAL
UC	MOUNTED UNDER COUNTER HEIGHT
UL	UNDERWRITER'S LABORATORY
V	VOLT
W	WIRE/WATT
WP	WEATHERPROOF








BASIC MATERIALS AND METHODS	
(E)	EXISTING TO REMAIN - INDICATES EXISTING ITEM SHALL REMAIN. MAINTAIN EXISTING ELECTRICAL CONNECTIONS UNLESS OTHERWISE NOTED.
(ER)	EXISTING TO BE RELOCATED - INDICATES EXISTING ITEM SHALL BE RELOCATED. DISCONNECT AND REMOVE, REINSTALL AT NEW LOCATION AND RECONNECT ITEM AS REQUIRED.
	EXISTING ELECTRICAL WIRING, EQUIPMENT OR DEVICE, DASHED LIGHT IS EXISTING TO BE REMOVED OR RELOCATED
	EXISTING ELECTRICAL WIRING, EQUIPMENT OR DEVICE. SOLID LIGHT IS EXISTING TO REMAIN
	HEAVY SOLID IS NEW
	REFERENCE TO DRAWING NOTE
	KITCHEN EQUIPMENT TAG
	JUNCTION BOX
	SPECIAL PURPOSE RECEPTACLE. PROVIDE PROPER VOLTAGE, CLASS, CURRENT RATING AND NEMA CONFIGURATION AS REQUIRED BY BRANCH CIRCUIT AND/OR MATCH CAP ON EQUIPMENT BEING FURNISHED BY OTHERS. PROVIDE CORD AND CAP.
	DUPLEX RECEPTACLE, 20 AMP, 125 VOLT SUBSCRIPTS INDICATE TYPE: AC - ABOVE THE COUNTER UC - UNDER THE COUNTER WP - WEATHER PROOF G - GROUND FAULT INTERRUPTER T - TAMPER RESISTANT
	QUAD RECEPTACLE 20 AMP, 125 VOLT
	TOGGLE SWITCH, VOLTAGE AS INDICATED ON FIXTURE SCHEDULE. SUBSCRIPTS INDICATE TYPE: 3 - THREE WAY SWITCH 4 - FOUR WAY SWITCH K - KEYED SWITCH LV - LOW VOLTAGE, MOMENTARY CONTACT OS - OCCUPANCY SENSOR VS - VACANCY SENSOR a,b,c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES
	CEILING MOUNTED VACANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR
	DIMMER SWITCH, SUBSCRIPTS INDICATE TYPE: 3 - THREE WAY DIMMER SWITCH a,b,c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES
	GENERATOR EMERGENCY POWER OFF BUTTON
	TIME CLOCK








FIRE ALARM AND METHODS	
	SMOKE DETECTOR
	MANUAL PULL STATION
	WALL MOUNTED COMBINATION HORN AND STROBE # INDICATES STROBE CANDELA
	WALL MOUNTED STROBE ONLY # INDICATES STROBE CANDELA
	COMBINATION SET TEMPERATURE AND RATE OF RISE HEAT DETECTOR
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATION PANEL

POWER DISTRIBUTION AND CONTROL	
	208Y/120 VOLT PANELBOARD.
	EQUIPMENT CONNECTION. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR DESCRIPTION. LETTERS AND NUMBERS INDICATE 'ITEM DESIGNATION' ON THE SCHEDULE.
	SINGLE POINT CONNECTION TO EQUIPMENT. SEE DRAWING NOTES FOR REQUIREMENTS. SUBSCRIPT INDICATES ASSOCIATED EQUIPMENT/DEVICE: C - COOK TOP H - RANGE HOOD
	AUTOMATIC TRANSFER SWITCH

GROUNDING	
SYMBOL	DESCRIPTION
	EQUIPMENT GROUND BUSBAR

ONE LINE DIAGRAM SYMBOLS	
	THERMAL MAGNETIC MOLDED CASE CIRCUIT BREAKER
	TRANSFORMER, SIZE AND TYPE AS INDICATED
	GROUND CONNECTION
	FEEDER DESIGNATION, REFER TO FEEDER SCHEDULE
	GENERATOR
	PANELBOARD SYMBOL
	PANEL NAME #0 - A, MLO #0 - A, MLO
	SOLID STATE TRIP BREAKER

SYSTEMS	
	COMBINATION POWER AND TELE/DATA OUTLETS; REFER TO TYPICAL POWER AND TELE/DATA OUTLET DETAIL. SUBSCRIPT INDICATES QUANTITY: #P=QUANTITY OF DUPLEX RECEPTACLES #D=QUANTITY OF DATA PORTS/CABLES. IF NO QUANTITY IS INDICATED, PROVIDE (2).
	FLOOR BOX. SUBSCRIPT INDICATES DEVICES: #P - NUMBER OF DUPLEX RECEPTACLES #D - NUMBER OF DATA BACKBOXES & (1)1" CONDUIT WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING
	TELEVISION OUTLET; PROVIDE (1)DUPLEX RECEPTACLE & (1)EMPTY BACKBOX WITH (1)1" CONDUIT WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING.
	WIRELESS ACCESS POINT. PROVIDE (1) CAT6 CABLE FROM IT ROOM. (ACCESS POINT PROVIDED BY OTHERS).
	DATA RACK.
	VIDEO PROJECTOR (MOUNT AND PROJECTOR PROVIDED BY OTHERS). PROVIDE (1) FLUSH MOUNTED DUPLEX RECEPTACLE & (1) DATA BACKBOX WITH (1)1" CONDUIT AND PULLSTRING TO ABOVE ACCESSIBLE CEILING.
	FLUSH FLOOR POKE THROUGH; SUBSCRIPT INDICATES DEVICES: #P - NUMBER OF DUPLEX RECEPTACLES #D - NUMBER OF DATA BACKBOXES & (1)1" CONDUIT WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING

LUMINAIRES	
	CEILING MOUNTED LUMINAIRE. UPPERCASE LETTERS INDICATE FIXTURE TYPE ON LUMINAIRE SCHEDULE. LOWER CASE LETTER INDICATE LIGHTING ZONE.
	WALL MOUNTED LUMINAIRE. UPPERCASE LETTERS INDICATE FIXTURE TYPE ON LUMINAIRE SCHEDULE. LOWER CASE LETTERS INDICATE LIGHTING ZONE.
	SITE LIGHT. UPPERCASE LETTERS INDICATE FIXTURE TYPE ON LUMINAIRE SCHEDULE.
	LUMINAIRE PROVIDED WITH INTEGRAL 90-MINUTE BATTERY BACKUP. SUBSCRIPT INDICATES TYPE: NL - EMERGENCY LUMINAIRE ILLUMINATED AT ALL TIMES AND NOT CONTROLLED.
	WALL MOUNTED EMERGENCY LUMINAIRE WITH BATTERY PACK
	CEILING MOUNTED EXIT LUMINAIRE
	WALL MOUNTED EXIT LUMINAIRE

GENERAL FIRE ALARM NOTES	
(APPLY TO ALL DRAWINGS):	
A.	THE CONTRACTOR SHALL PROVIDE A COMPLETE TEST OF THE EXISTING SYSTEM PRIOR TO MAKING MODIFICATIONS TO ASSESS THE CONDITION AND CAPABILITY OF DEVICES AND CIRCUITS TO BE REUSED. WHERE POSSIBLE, THE CONTRACTOR SHALL HAVE THE OPTION TO REUSE EXISTING DEVICES, BOXES AND WIRING.
B.	IN GENERAL, EXISTING INITIATION AND NOTIFICATION APPLIANCE CIRCUITS SHALL BE RETAINED AND EXTENDED TO THE NEW CONTROL PANEL FOR DEVICES IN AREAS UNAFFECTED BY THE SCOPE OF WORK. NEW DEVICES SHALL BE TIED INTO EXISTING CIRCUITS, OR NEW CIRCUITS SHALL BE PROVIDED AS REQUIRED TO PROVIDE A COMPLETE SYSTEM AS INDICATED.
C.	ALL WIRING SHALL BE COPPER, INSTALLED IN A DEDICATED/SEGREGATED EMT CONDUIT SYSTEM AND SHALL CONFORM TO THE NEC AND TO NFPA-72, NATIONAL FIRE ALARM CODE. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
D.	THE COMPLETE FIRE ALARM SYSTEM SHALL BE FULLY TESTED AFTER THE WORK IS COMPLETE. TESTING SHALL INCLUDE ALL DEVICES, CONTROL PANEL, ANNUNCIATOR PANEL, OTHER PANELS, FEATURES AND FUNCTIONS. TESTING SHALL BE WITNESSED BY THE OWNER'S REPRESENTATIVE AND BE IN ACCORDANCE WITH THE NFPA. PROVIDE A TESTING REPORT TO THE AHJ AND THE ENGINEER AS A SUBMITTAL. REFER TO SPECIFICATION SECTION 283103.



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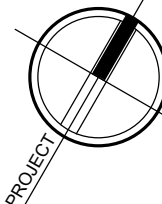
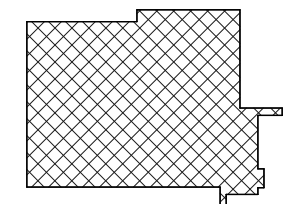
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Drawing: ELECTRICAL LEGEND &  
ABBREVIATIONS



Project: 23138 Date: 02/24/25  
Drawn: KML Scale: AS NOTED  
Drawing Number:

E-001



E-002 DRAWING NOTES

1. PROVIDE HANDHOLE WITH (1)20A 120V CIRCUIT FOR SITE LIGHTING AND (1)30A 120V CIRCUIT FOR POWER TO THE DOG KENNEL.
2. PROVIDE HANDHOLE WITH (1)3" CONDUIT WITH PULLSTRING STUBBED UP INTO ELECTRICAL ROOM.
3. PROVIDE MINIMUM 2#10 & 1#10G IN 1" CONDUIT FOR CIRCUITING OF SITE LIGHTING.
4. PROVIDE MINIMUM 2#6 & 1#10G IN 1" CONDUIT FOR CIRCUITING OF DOG KENNEL.
5. RE-ROUTE EXISTING TELECOM CONDUIT. CONFIRM CONDUIT AND CABLING CHARACTERISTICS IN THE FIELD. COORDINATE RE-ROUTING WITH TELECOM COMPANY.
6. RE-ROUTE EXISTING CIRCUIT TO SEWAGE PUMP STATION. VERIFY ELECTRICAL CHARACTERISTICS IN THE FIELD. MATCH EXISTING ELECTRICAL CHARACTERISTICS FOR RE-ROUTED CIRCUIT.



ELECTRICAL SITE PLAN  
1" = 20'-0"



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Drawing: ELECTRICAL SITE PLAN

Project: 23138 Date: 02/24/25  
Drawn: KML Scale: AS NOTED  
Drawing Number:  
**E-002**

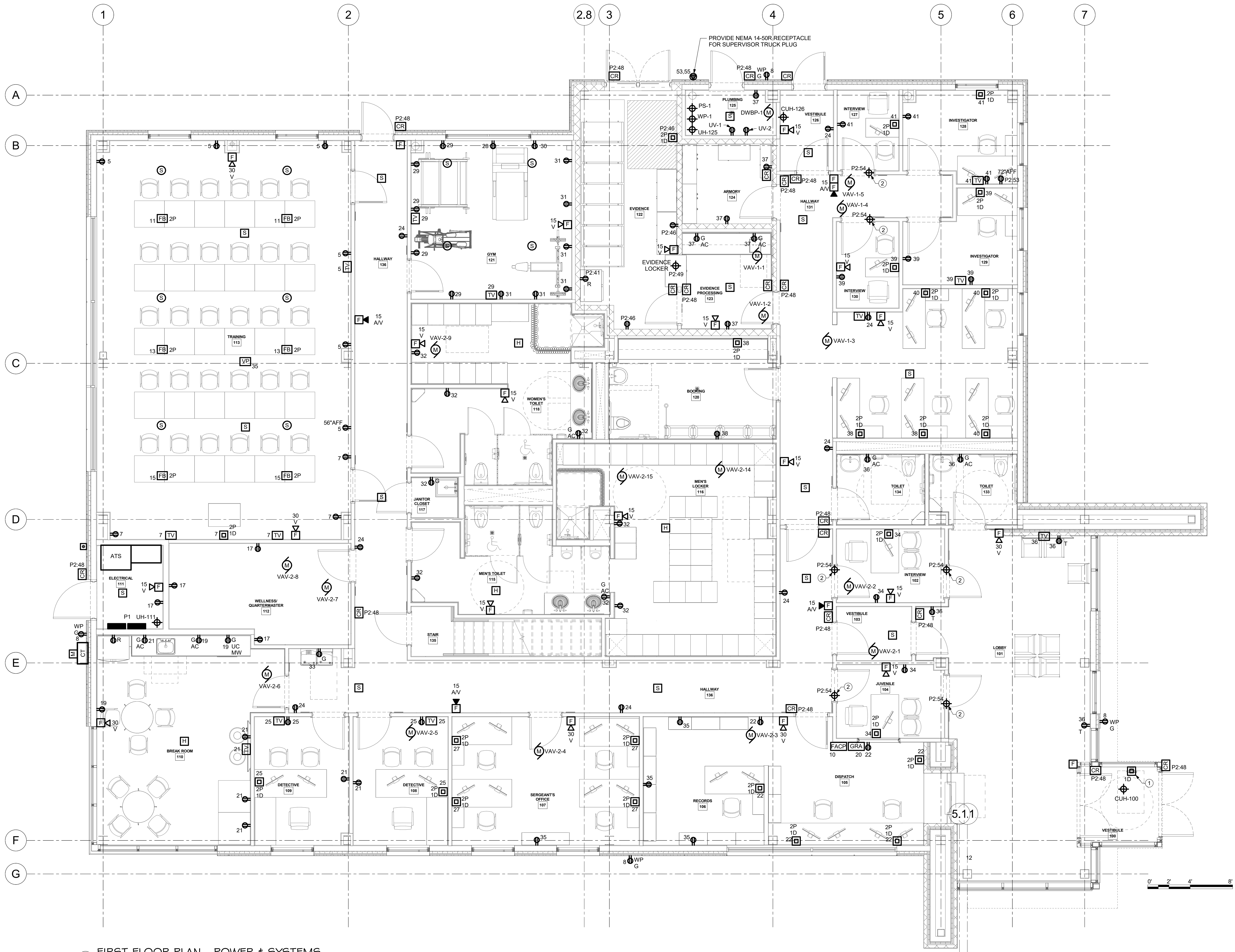


GENERAL NOTES:

- A ALL CIRCUITING SHALL BE A MINIMUM OF (2)#12 & (1)#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED.
- B CIRCUIT ALL EQUIPMENT AND DEVICES TO PANEL "P1" UNLESS OTHERWISE NOTED.

E-101 DRAWING NOTES

- 1 PROVIDE SINGLE GANG BACKBOX FOR 911 PHONE. ROUTE (1) 1" CONDUIT WITH PULL STRING UNDER SLAB TO JUNCTION BOX IN DISPATCH 105.
- 2 PROVIDE (1)120V 20A CIRCUIT TO INTERVIEW IN USE LIGHT.



I FIRST FLOOR PLAN - POWER & SYSTEMS  
1/4" = 1'-0"



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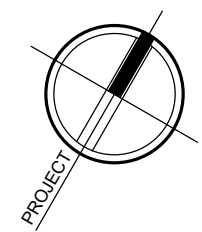
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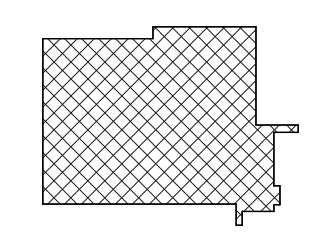
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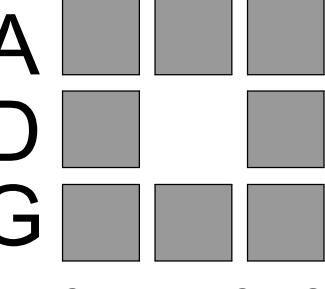
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Drawing: FIRST FLOOR PLAN - POWER & SYSTEMS



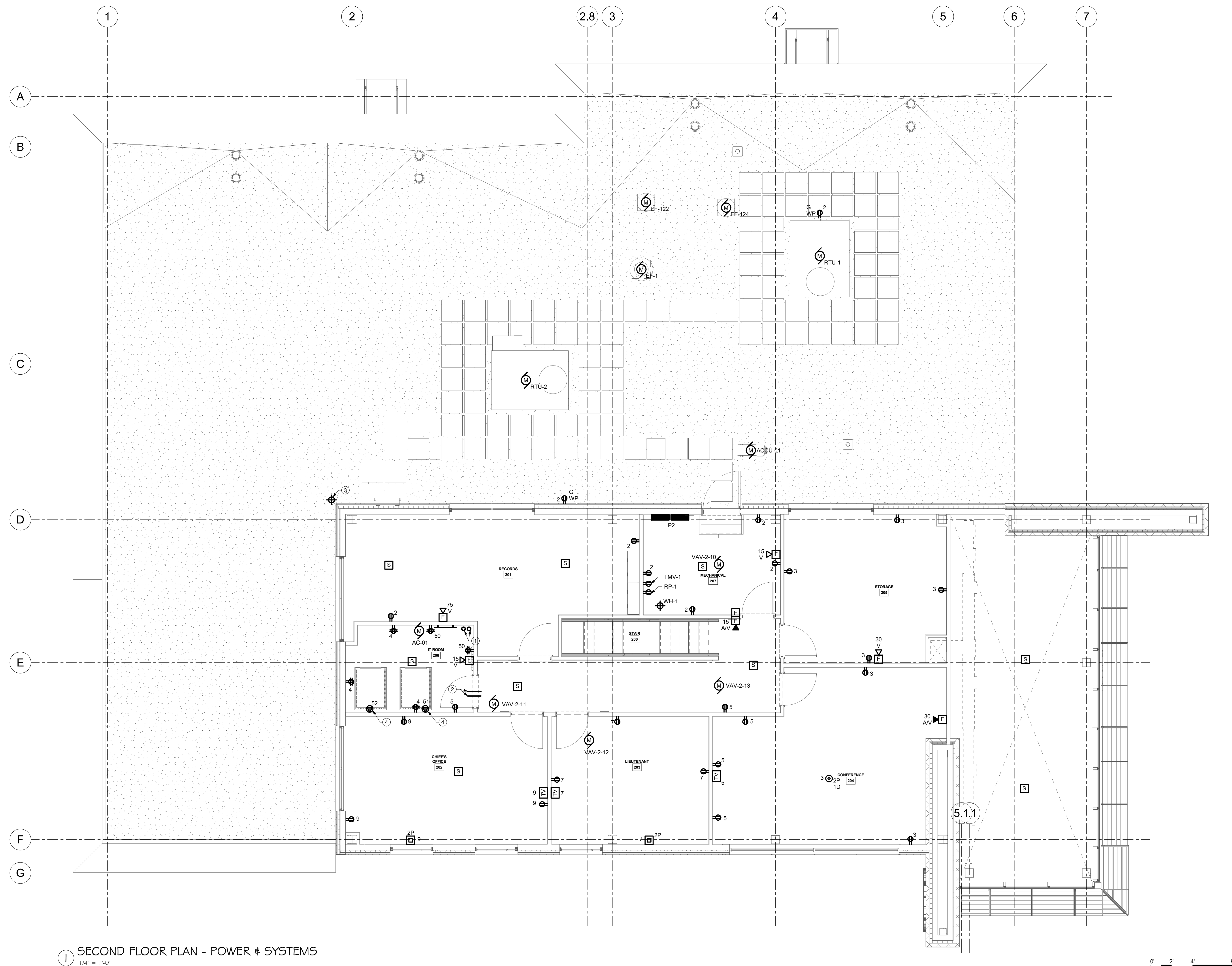
Project: 23138 Date: 02/24/25

Drawn: KML Scale: AS NOTED

Drawing Number:

E-101





- GENERAL NOTES:**
- A. ALL CIRCUITING SHALL BE A MINIMUM OF (2)#12 & (1)#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED.
- B. CIRCUIT ALL EQUIPMENT AND DEVICES TO PANEL 'P2' UNLESS OTHERWISE NOTED.
- E-102 DRAWING NOTES** ⓧ
1. PROVIDE (2)3" CONDUIT SLEEVES IN FLOOR.
2. PROVIDE (3)3" CONDUIT SLEEVES IN IT CLOSET WALL. CONDUIT SLEEVE INTO CORRIDOR SHALL BE ABOVE ACCESSIBLE CEILING.
3. PROVIDE (1)1" CONDUIT FROM IT ROOM TO ANTENNAS LOCATION, AND (1)1" CONDUIT FROM IT ROOM DOWN TO THE DISPATCH OFFICE. CONFIRM EXACT LOCATION OF ANTENNAS WITH THE OWNER.
4. PROVIDE (1) NEMA 5-30R RECEPTACLE FOR DATA RACK.



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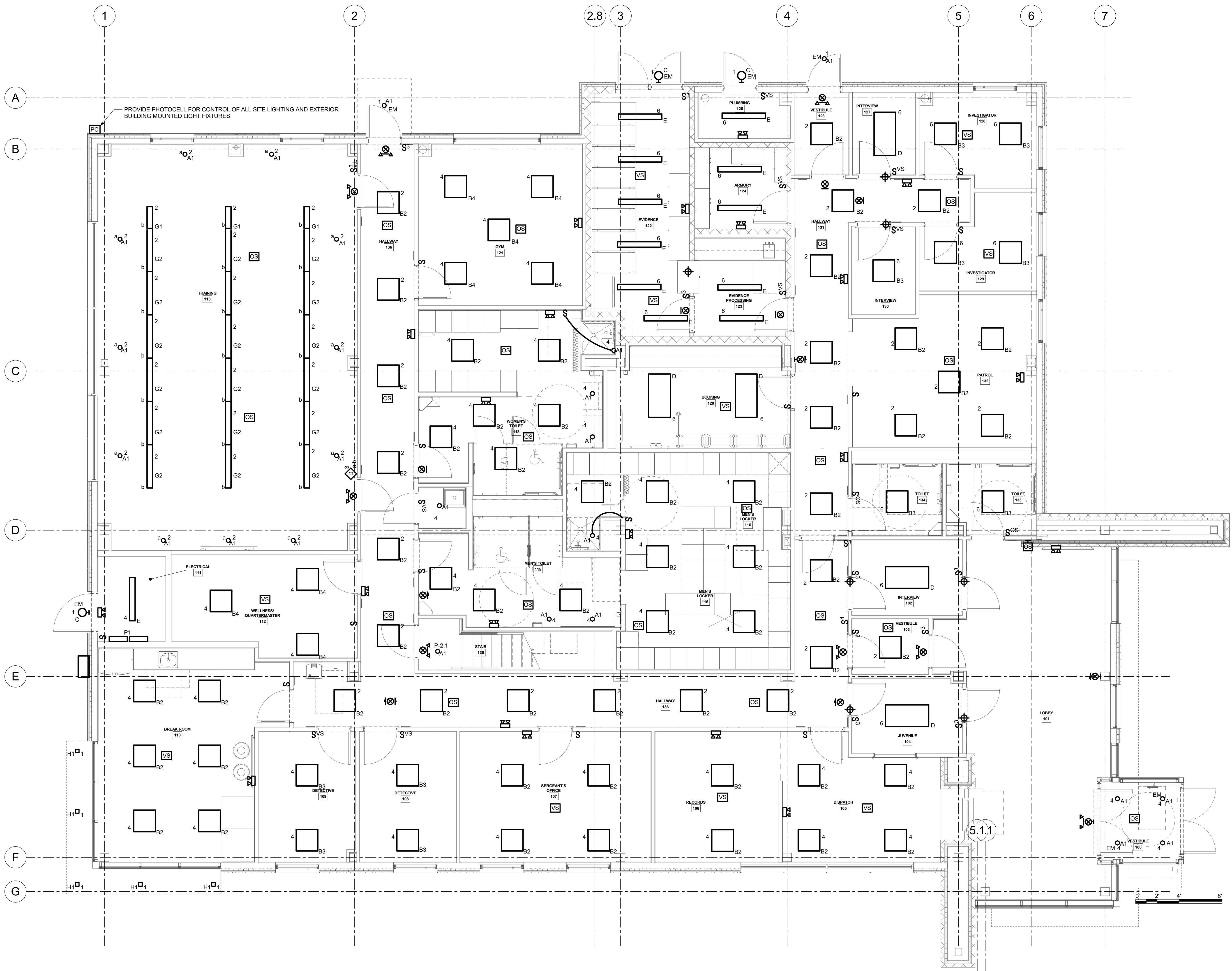
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Drawing: SECOND FLOOR PLAN - POWER &  
SYSTEMS

Project: 23138 Date: 02/24/25  
Drawn: KML Scale: AS NOTED  
Drawing Number:  
**E-102**



- GENERAL NOTES:**
- A. ALL CIRCUITING SHALL BE A MINIMUM OF (2)#12 & (1)#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED.
- B. CIRCUIT ALL EQUIPMENT AND DEVICES TO PANEL 'P1' UNLESS OTHERWISE NOTED.
- C. CIRCUIT ALL EXIT SIGNS AND EMERGENCY WALL PACKS AHEAD OF ANY LIGHTING CONTROLS. EXIT SIGNS SHALL ALL BE CIRCUITED TO (1)20A/1P CIRCUIT.



**1 FIRST FLOOR PLAN - LIGHTING**  
1/4" = 1'-0"



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Drawing: **FIRST FLOOR PLAN - LIGHTING**

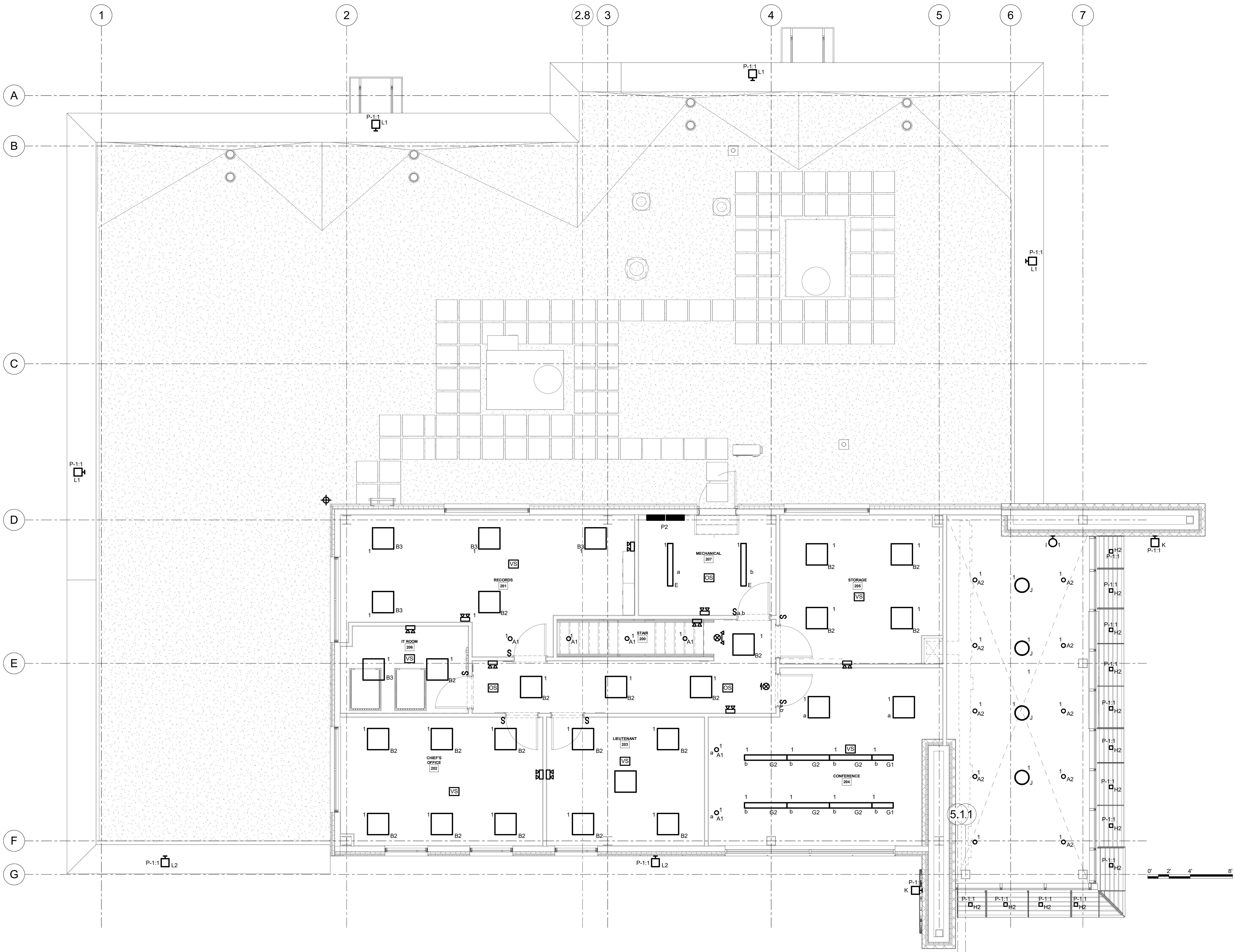
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Drawn: KML Scale: AS NOTED  
Drawing Number:

**E-201**



GENERAL NOTES:

- A. ALL CIRCUITING SHALL BE A MINIMUM OF (2)#12 & (1)#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED.
- B. CIRCUIT ALL EQUIPMENT AND DEVICES TO PANEL 'P2' UNLESS OTHERWISE NOTED.
- C. CIRCUIT ALL EXIT SIGNS AND EMERGENCY WALL PACKS AHEAD OF ANY LIGHTING CONTROLS. EXIT SIGNS SHALL ALL BE CIRCUITED TO (1)20A/1P CIRCUIT.



1 SECOND FLOOR PLAN - LIGHTING  
1/4" = 1'-0"



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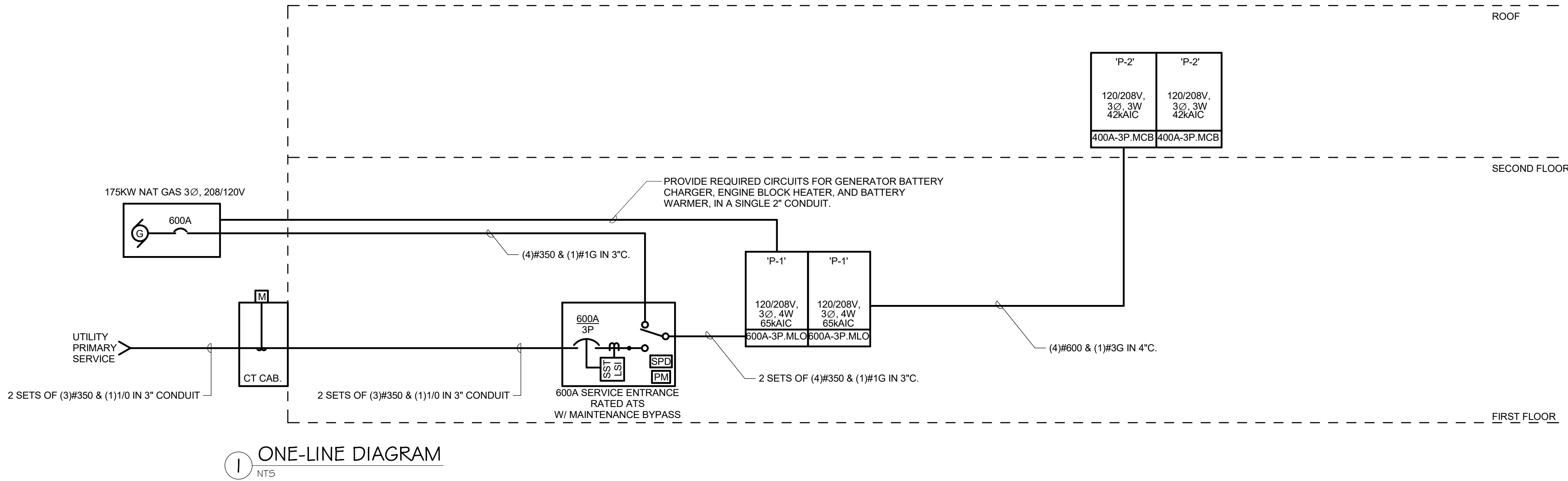
Drawing: SECOND FLOOR PLAN - LIGHTING

Project: 23138 Date: 02/24/25  
Drawn: KML Scale: AS NOTED  
Drawing Number:  
**E-202**



ELECTRIC EQUIPMENT AND CONTROL SCHEDULE												ABBREVIATIONS										GENERAL NOTES																									
												AU    AT UNIT B    ASD WITH BYPASS ECB    ENCLOSED CIRCUIT BREAKER F    FUSED HOA    HAND-OFF-AUTO WITH RELAY										IU    INTEGRAL WITH UNIT M    MULTIPLE MOTOR ASD NF    NON-FUSED R    ASD WITH REDUNDANT ASD RE    REMOTE																									
												A.    REFER TO SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS B.    PROVIDE CONTROLLER SIZED PER HP/AMPS. C.    LOCATIONS/QUANTITIES OF FIRE ALARM DUCT DETECTORS ARE SHOWN ON PLANS																																			
EQUIPMENT												POWER SOURCE, PROTECTION & WIRING										MOTOR CONTROLLER										DISCONNECTING MEANS										CONNECTIONS				EQUIPMENT	
ITEM ID	NAME	ROOM LOCATION	HP	KW	AMPERAGE	PHASE	VOLTAGE	SOURCE	OCPD RATING	WIRING FROM SOURCE TO EQUIPMENT VIA CONTROLLER / DISCONNECTING MEANS			MANUAL MOTOR STARTER	MAGNETIC MOTOR STARTER	COMBINATION MAGNETIC STARTER AND SAFETY SWITCH	ADJUSTABLE SPEED DRIVE	PACKAGED CONTROL UNIT	NEMA ENCLOSURE TYPE	NEMA STARTER SIZE	LOCATION	SAFETY SWITCH	SAFETY SWITCH AMPERE RATING	FUSE/CB AMPERE RATING	NEMA ENCLOSURE TYPE	LOCATION	FIRE ALARM SHUTDOWN	FIRE ALARM DUCT DETECTOR(S)	MOTORIZED DAMPER	FIRE ALARM DUCT DETECTOR(S)	REFERENCE NOTES	ITEM ID																
										PHASE	GROUND	CONDUIT																																			
RTU-1	ROOFTOP HANDLING UNIT	ROOF			60.7	3	208	P-2	80A/3P	3#3	1#8	1-1/4" C					X			IU													RTU-1														
RTU-2	ROOFTOP HANDLING UNIT	ROOF			132.2	3	208	P-2	175A/3P	3#2/0	1#6	2" C					X			IU						X	X						RTU-2														
VAV-1-1	AIR TERMINAL UNIT	EVIDENCE 123			8.4	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-1-1														
VAV-1-2	AIR TERMINAL UNIT	EVIDENCE 123			8.4	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-1-2														
VAV-1-3	AIR TERMINAL UNIT	CORRIDOR			10.8	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-1-3														
VAV-1-4	AIR TERMINAL UNIT	CORRIDOR			6.0	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-1-4														
VAV-1-5	AIR TERMINAL UNIT	CORRIDOR			8.4	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-1-5														
VAV-2-1	AIR TERMINAL UNIT	CORRIDOR 103			45.1	3	208	P-2	50A/3P	3#6	1#10	3/4" C					X			IU													VAV-2-1														
VAV-2-2	AIR TERMINAL UNIT	CORRIDOR			4.8	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-2														
VAV-2-3	AIR TERMINAL UNIT	CORRIDOR			13.2	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-3														
VAV-2-4	AIR TERMINAL UNIT	CORRIDOR			10.8	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-4														
VAV-2-5	AIR TERMINAL UNIT	CORRIDOR			10.8	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-5														
VAV-2-6	AIR TERMINAL UNIT	BREAK ROOM 110			36.1	1	208	P-1	40A/2P	2#8	1#10	3/4" C					X			IU													VAV-2-6														
VAV-2-7	AIR TERMINAL UNIT	QUARTERMASTER 112			12.0	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-7														
VAV-2-8	AIR TERMINAL UNIT	QUARTERMASTER 112			34.7	3	208	P-1	35A/3P	2#8	1#10	3/4" C					X			IU													VAV-2-8														
VAV-2-9	AIR TERMINAL UNIT	GYM 2-9			13.2	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-9														
VAV-2-10	AIR TERMINAL UNIT	MECHANICAL 207			16.8	1	208	P-2	20A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-10														
VAV-2-11	AIR TERMINAL UNIT	CORRIDOR			13.2	1	208	P-2	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-11														
VAV-2-12	AIR TERMINAL UNIT	LIEUTENANT 204			8.4	1	208	P-2	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-12														
VAV-2-13	AIR TERMINAL UNIT	CORRIDOR			22.8	1	208	P-2	25A/2P	2#10	1#10	3/4" C					X			IU													VAV-2-13														
VAV-2-14	AIR TERMINAL UNIT	MENS LOCKER 116			15.6	1	208	P-1	20A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-14														
VAV-2-15	AIR TERMINAL UNIT	MENS LOCKER 116			9.6	1	208	P-1	15A/2P	2#12	1#12	3/4" C					X			IU													VAV-2-15														
CUH-100	CABINET UNIT HEATER	VESTIBULE 100		4	19.2	1	208	P-1	30A/2P	2#10	1#10	3/4" C					X			IU													CUH-100														
CUH-126	CABINET UNIT HEATER	CORRIDOR		4	19.2	1	208	P-1	30A/2P	2#10	1#10	3/4" C					X			IU													CUH-126														
UH-111	UNIT HEATER	ELECTRICAL 111		5	24.0	1	208	P-1	35A/2P	2#8	1#10	3/4" C					X			IU													UH-111														
UH-125	UNIT HEATER	PLUMBING 125		5	24.0	1	208	P-2	35A/2P	2#8	1#10	3/4" C					X			IU													UH-125														
EF-1	EXHAUST FAN	ROOF	1/4			3	208	P-2	15A/3P	3#12	1#12	3/4" C				X	X			AU													2	EF-1													
EF-122	EXHAUST FAN	ROOF			1.3	1	120	P-2	15A/1P	2#12	1#12	3/4" C					X			IU														EF-122													
EF-124	EXHAUST FAN	ROOF			1.3	1	120	P-2	15A/1P	2#12	1#12	3/4" C					X			IU														EF-124													
ACU-01	AIR CONDITIONING UNIT	IT CLOSET 202			1.0	1	208	ACCU-01	-	2#12	1#12	3/4" C					X			IU														ACU-01													
ACCU-01	AIR CONDITIONING UNIT	ROOF			19.0	1	208	P-2	20A/2P	2#12	1#12	3/4" C					X			IU														ACCU-01													
TMV-1	THERMOSTATIC MIXING VALVE	MECHANICAL 207			5.0	1	120	P-2	20A/1P	2#12	1#12	3/4" C					X			IU														1	TMV-1												
RP-1	RECIRC PUMP	MECHANICAL 207			1.8	1	120	P-2	20A/1P	2#12	1#12	3/4" C					X			IU														1	RP-1												
WH-1	WATER HEATER	MECHANICAL 207		5.5	26.4	1	208	P-2	35A/2P	2#8	1#10	3/4" C					X			IU														1	WH-1												
UV-1	ULTRAVIOLET FILTER	PLUMBING 125		0.23	1.9	1	120	P-2	20A/1P	2#12	1#12	3/4" C					X			IU														1	UV-1												
UV-2	ULTRAVIOLET FILTER	PLUMBING 125		0.23	1.9	1	120	P-2	20A/1P	2#12	1#12	3/4" C					X			IU														1	UV-2												
WP-1	WELL PUMP	PLUMBING 125	10		30.8	3	208	P-2	70A/3P	3#8	1#8	3/4" C					X			IU														1	WP-1												
DWBP-1	DOMESTIC WATER PUMP	PLUMBING 125	2		13.2	1	208	P-2	20A/2P	2#12	1#12	3/4" C					X			IU														1	DWBP-1												
PS-1	PRESSURE SWITCH	PLUMBING 125			1.0	1	120	P-2	20A/1P	2#12	1#12	3/4" C					X			IU														1	PS-1												

REFERENCE NOTES	
1	PLUG SERVES AS DISCONNECTING MEANS.
2	SAFETY DISCONNECT FURNISHED BY MC AND INSTALLED BY EC.



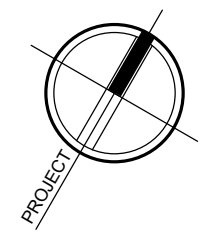
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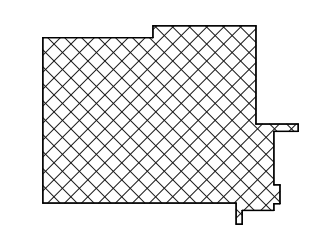
REVISIONS:

NUM.	DATE	DESCRIPTION

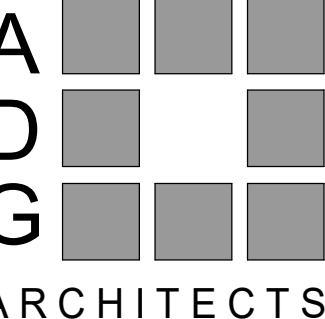
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PROJECT



KEY PLAN




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ARCHITECTURE • PLANNING • INTERIORS

Project: TOWN OF MONTGOMERY POLICE STATION  
110 BRACKEN ROAD, MONTGOMERY,  
NEW YORK 12549

Drawing: ELECTRICAL ONELINE DIAGRAM



STATE OF NEW YORK  
MICHAEL K. SUTHERLAND  
077887-1  
PROFESSIONAL ENGINEER

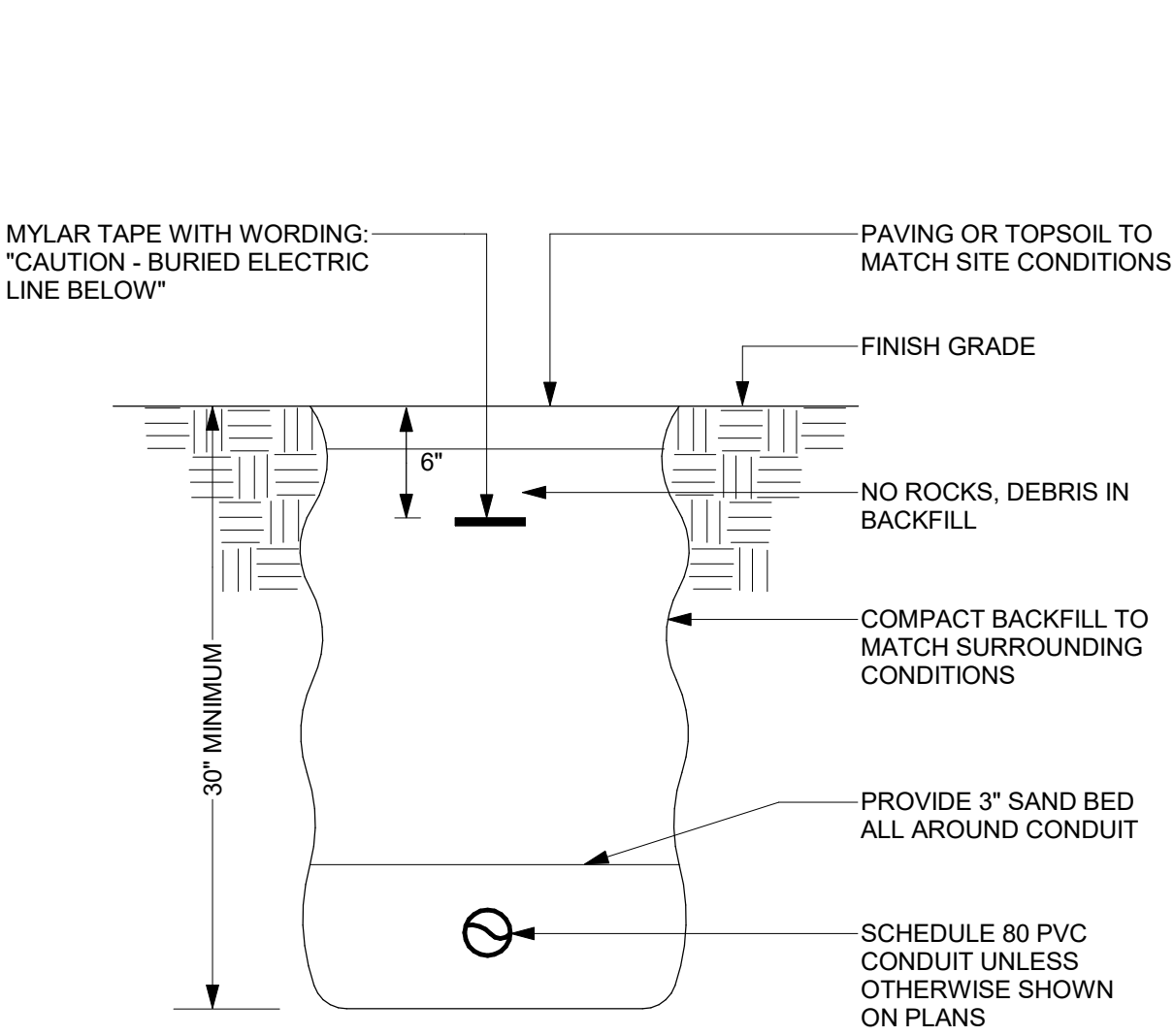
Project: 23138 Date: 02/24/25  
Drawn: KML Scale: AS NOTED  
Drawing Number:  
E-601



LUMINAIRE SCHEDULE							
TYPE	DESCRIPTION	MFR. & CATALOG No.	LAMP	VOLTAGE	MOUNTING	UNIT WATTS	REFERENCE NOTES
A1	6" RECESSED DOWNLIGHT SEMI-SPECULAR REFLECTOR	LITHONIA LIGHTING LDN6 OR APPROVED EQUAL	LED 4000K 1000 LUMENS	120V	RECESSED	10.44W	
A2	SAME AS A1 EXCEPT LUMEN OUTPUT		LED 4000K 2000 LUMENS			22.52W	
B1	2X2 TROFFER WITH CURVED OPAL LENS	HOLOPHANE HVTS OR APPROVED EQUAL	LED 4000K 2000 LUMENS	120-277V	RECESSED	16.78W	
B2	SAME AS B1 EXCEPT LUMEN OUTPUT		LED 4000K 3000 LUMENS			24.15W	
B3	SAME AS B1 EXCEPT LUMEN OUTPUT		LED 4000K 4000 LUMENS			33.31W	
B4	SAME AS B1 EXCEPT LUMEN OUTPUT		LED 4000K 5000 LUMENS			42.62W	
C	WALL SCONCE VISUAL COMFORT FORWAR OPTIC	LITHONIA LIGHTING WDJE1 OR APPROVED EQUAL	LED 4000K 2000 LUMENS	120V	WALL	15W	
D	2X4 RECESSED ELEMENT LAY-IN	HOLOPHANE HVTS OR APPROVED EQUAL	LED 4000K 5000 LUMENS	120-277V	RECESSED	41.92W	
E	48" LINEAR SUSPENDED FIXTURE	HOLOPHANE EH2L1D OR APPROVED EQUAL	LED 4000K 7000 LUMENS	120V	SUSPENDED	59.23W	
G1	2'-0" RECESSED LINEAR SLOT LED FIXTURE WITH FLUSH LENS	MARK LIGHTING SL4L OR APPROVED EQUAL	LED 4000K 400 LUMENS/FT	120V	SUSPENDED	4W/FT	
G2	SAME AS G1 EXCEPT 4'-0" LENGTH						
H1	6" RECESSED SQUARE DOWNLIGHT SEMI-SPECULAR REFLECTOR	LITHONIA LIGHTING LDN6SQ OR APPROVED EQUAL	LED 4000K 1000 LUMENS	120V	RECESSED	10.44W	
H2	SAME AS H1 EXCEPT LUMEN OUTPUT		LED 4000K 2000 LUMENS			22.52W	
I	EXTERIOR LED WALL CYLINDER UP & DOWN LIGHT	LITHONIA LIGHTING OLLWU OR APPROVED EQUAL	LED 4000K 1086 LUMENS	120V	WALL	13.8W	
J	LED HIGH BAY WITH MEDIUM GLASS REFRACTOR AND ACRYLIC REFLECTOR	HOLOPHANE PHG OR APPROVED EQUAL	LED 4000K 9000 LUMENS	120V		58.89W	
K	RUGGED EXTERIOR LED WALLPACK FIXTURE, SING-VUE OPTIC	HOLOPHANE SVLED3 OR APPROVED EQUAL	LED 4000K 9513 LUMENS	MVOLT	WALL	72.2W	
L1	FULL CUTOFF LED WALLPACK WITH TYPE FOUR MEDIUM DISTRIBUTION	HOLOPHANE HLWPC2 OR APPROVED EQUAL	LED 4000K 9882 LUMENS	MVOLT	WALL	95W	
L2	SAME AS L1 EXCEPT LUMEN PACKAGE AND FORWARD THROW MEDIUM DISTRIBUTION	HOLOPHANE HLWPC2 OR APPROVED EQUAL	LED 4000K 12125 LUMENS	MVOLT	WALL	115W	
⊗	EXIT SIGN	ISOLITE TL2 SERIES OR APPROVED EQUAL	LED		CEILING		
⊗	EXIT SIGN W/ BATTERY BACKUP LIGHTING UNIT	ISOLITE DCL SERIES OR APPROVED EQUAL	LED		CEILING		
⊗	EMERGENCY LIGHTING UNIT W/ BATTERY BACKUP	ISOLITE BUG SERIES OR APPROVED EQUAL	LED		WALL		

PANELBOARD DIRECTORY																			
M/E PROJECT: MONTGOMERY POLICE STATION PROJECT NO.: 233326.00 FACILITY: LOCATION: ELECTRICAL 111					PANEL NAME: P-1 VOLTAGE: 208 /L - L A/C: 65 k SOURCE: UTILITY					TYPE: MOUNTING: P-1 OSF TYPE: MLO BUS RATING: 500					BRANCH SURFACE MLO 600				
DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	EQUIP. VA	HVAC VA	KIT VA	KIT VA	HVAC VA	EQUIP. VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION		
EXTERIOR LTG	1a	20/1	500											1000	20/1	2a	LIGHTING		
POLE LTG	3b	20/1	500											1000	20/1	4b	LIGHTING		
REC 113	5c	20/1		1440										1000	20/1	6c	LIGHTING		
REC 113	7a	20/1		1440									720	20/1	8a	EXTERIOR REC			
REC 113	9b	20/1		720									500	20/1	10b	FACP			
FLOOR BOX 113	11c	20/1		720									500	20/1	12c	FAAP			
FLOOR BOX 113	13a	20/1		720								1200	20/1	14a	GEN CHARGER				
FLOOR BOX 113	15b	20/1		720								1200	20/1	16b	GEN WARMER				
REC 112	17c	20/1		720									1200	20/1	18c	GEN HEATER			
KITCHEN REC	19a	20/1					720						500	20/1	20a	GRA			
KITCHEN REC	21b	20/1					1080						1080	20/1	22b	DISPATCH REC			
REFRIGERATOR	23c	20/1					1000						1440	20/1	24c	CORRIDOR REC			
OFFICE REC	25a	20/1		1440									500	20/1	26a	ACCESS CNTRL			
OFFICE REC	27b	20/1		1440								1200	20/1	28b	TREADMILL				
GYM REC	29c	20/1		1260								1200	20/1	30c	TREADMILL				
GYM REC	31a	20/1		1080									1440	20/1	32a	BATH REC			
WATER COOLER	33b	20/1			1000								1080	20/1	34b	OFFICE REC			
DISPATCH REC	35c	20/1		720									1080	20/1	36c	LOBBY REC			
RECEPTACLES	37a	20/1		1080									1260	20/1	38a	OFFICE REC			
OFFICE REC	39b	20/1		1440									1080	20/1	40b	OFFICE REC			
OFFICE REC	41c	20/1		1440															
VAV-1-1	43a	15/2					874			1123					15/2	42c	VAV-1-3		
	45b						874			624					15/2	48b	VAV-1-4		
VAV-1-2	47c	15/2					874			624					15/2	50a	VAV-1-5		
DOG KENNEL	51b	30/1								874					15/2	52b			
	53c									499					15/2	54c	VAV-2-2		
TRUCK REC	55a	50/2								499					15/2	56a			
VAV-2-4	57b	15/2					1123			1373					15/2	58b	VAV-2-3		
	59c						1123			1373					15/2	60a			
VAV-2-5	61a	15/2					1123			3754					40/2	62a	VAV-2-6		
	63b						1123			3754					20/2	64b			
VAV-2-7	65c	15/2					1248			1622					15/2	66c	VAV-2-14		
	67a						1248			1622					15/2	68a			
VAV-2-9	69b	15/2					1373			998					15/2	70b	VAV-2-15		
	71c						1373			998					30/2	72c			
VAV-2-8	73a	35/3					4164			1997					30/2	74a	CUH-100		
	75b						4164			1997					30/2	76b			
	77c						4164			1997					30/2	78a	CUH-126		
	79a		1000	2340	5479	0	35953	0		1997					35/2	80a			
PANEL P-2	81b	400/3	0	3780	6562	0	37076	0		2496					35/2	82b			
	83c		0	1900	7988	0	35576	0		2496						84c	UH-111		

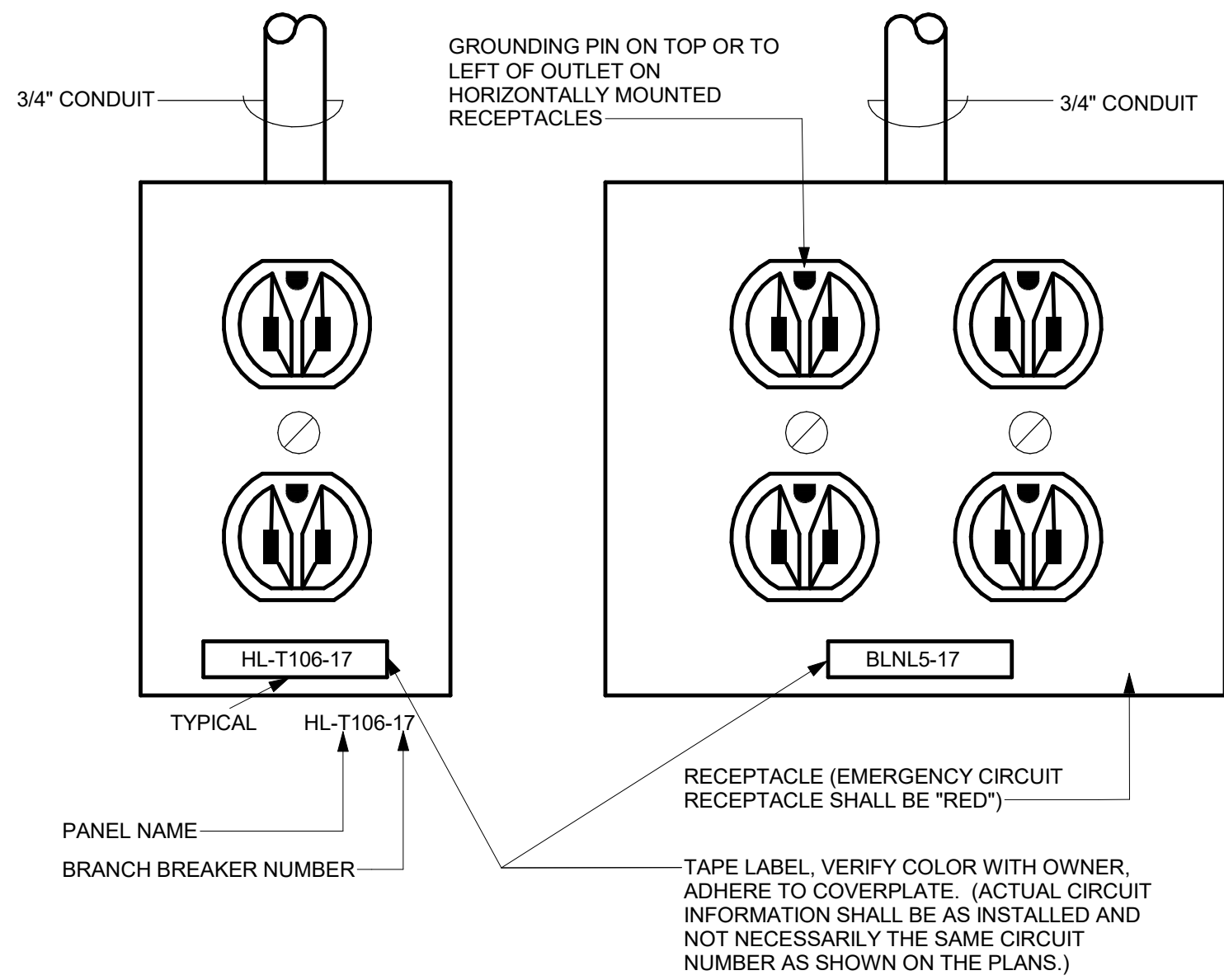
PANELBOARD DIRECTORY																			
M/E PROJECT: MONTGOMERY POLICE STATION PROJECT NO.: 233326.00 FACILITY: LOCATION: IT CLOSET 202				PANEL NAME: P-2 VOLTAGE: 208 L - L A/C: 42/k SOURCE: P-1								TYPE: MOUNTING: P-2 OCF TYPE: MCB BUS RATING: 400 MCB RATING: 400				BRANCH SURFACE			
DESCRIPTION	CKT NO.	TRIP	LTG. VA	RECEPT. VA	MOTOR VA	EQUIP. VA	HVAC VA	KIT VA	KIT VA	HVAC VA	EQUIP. VA	MOTOR VA	RECEPT. VA	LTG. VA	TRIP	CKT NO.	DESCRIPTION		
LIGHTING	1a	20/1	1000										1440	20/1	2a	RECEPTACLES			
	3b	20/1		1440									720	20/1	4b	DATA REC			
	5c	20/1		900						15864					6c	RTU-2			
	7a	20/1		900						15864					10b				
	9b	20/1		900						15864					12c				
RTU-1	11c						7284			300					15/3	14a	EF-1		
	13a	80/3					7284			300					15/1	16b			
	15b						7284			300					20/2	18c	EF-122, 124		
TMV-1	17c	20/1		600						351					20/2	20a	ACCU-01		
RP-1	19a	20/1		324						1976					22b	22b			
	21b	35/2		2746											24c				
WH-1	23c			2746											70/3	26a	WP-1		
	25a	20/1		513							3696				28b				
UV-1, 2	27b	20/1		120											30c				
PS-1	29c	15/2					874			1747					15/2	32a	VAV-2-10		
VAV-2-12	31a						874			1747					15/2	34b	VAV-2-11		
VAV-2-13	33b	25/2					2371			1373					20/1	36c			
	35c						2371			1373					20/1	38a	911 ANTENNA		
UH-125	37a	35/2					2496								20/1	40b	WTHR ANTENNA		
EVIDENCE REF	39b	20/1		1000			2496						946		20/2	42c	DWBP-1		
	41c						5412						946		20/1	44a			
VAV-2-1	43a						5412						720		20/1	46b	EVIDENCE REC		
VAV-2-1	45b	50/3					5412								20/1	48c	ELEC STRIKES		
	47c						5412								20/1	50a	DATA REC		
EVID LOCKER	49a	20/1											720		20/1	52b	SPARE		
	51b	20/1													20/1	54c	SPARE		
	53c	20/1													20/1	56a	SPARE		
	55a	20/1													20/1	58b	SPARE		
	57b	20/1													20/1	60c	SPARE		
	59c	20/1													20/1				



#### DETAIL NOTES:

- READ THE SPECIFICATIONS.
- REPAIR ALL SETTLEMENT.
- MINIMUM TOP SOIL - 6".
- WHERE ADDITIONAL CONDUITS ARE REQUIRED, INCREASE TRENCH WIDTH AND INSTALL CONDUITS WITH 3" MINIMUM SPACING.

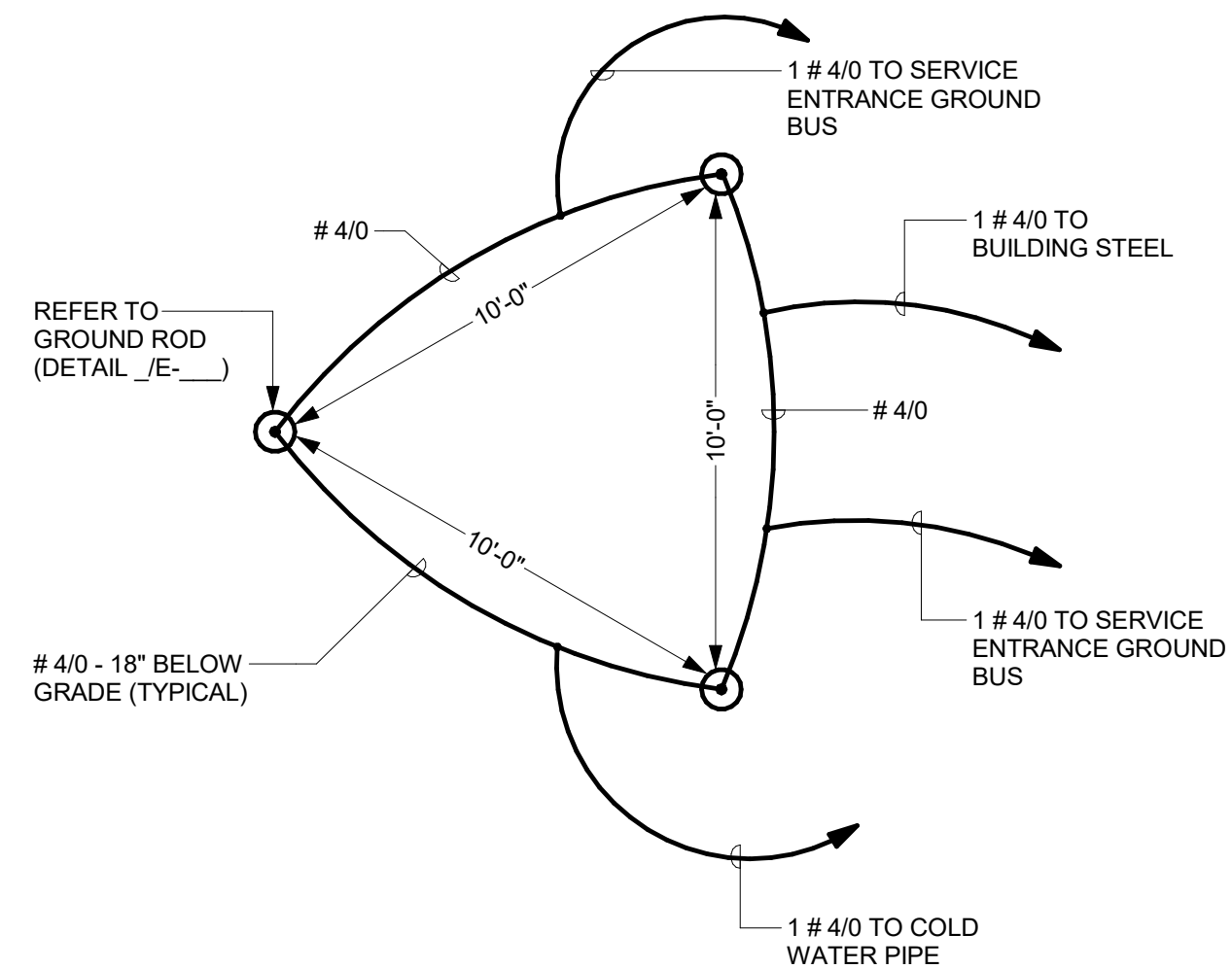
#### 1 TYPICAL DIRECT BURIED CONDUIT DETAIL



#### GENERAL DETAIL NOTES:

- PROVIDE GREEN GROUND WIRE IN ALL RECEPTACLE CIRCUITS. CONNECT TO GROUND BUS IN PANEL.
- DO NOT INSTALL RECEPTACLES, COMPUTER OR TELEPHONE OUTLETS BACK TO BACK. INSTALL IN ADJACENT STUD CAVITIES, TO REDUCE SOUND TRANSMISSION.

#### 2 TYPICAL RECEPTACLE IDENTIFICATION REQUIREMENTS



#### 4 GROUNDING SYSTEM DETAIL



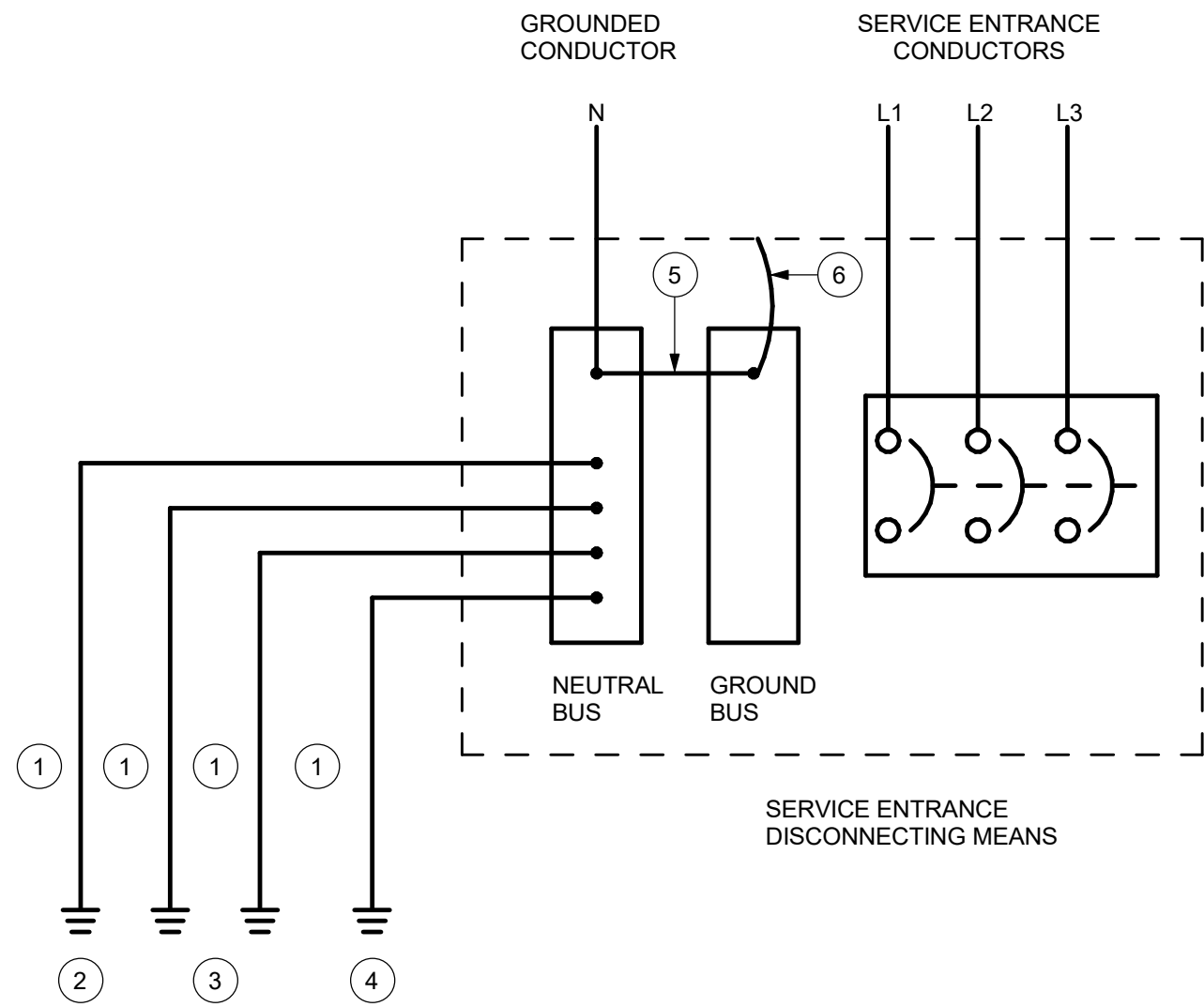
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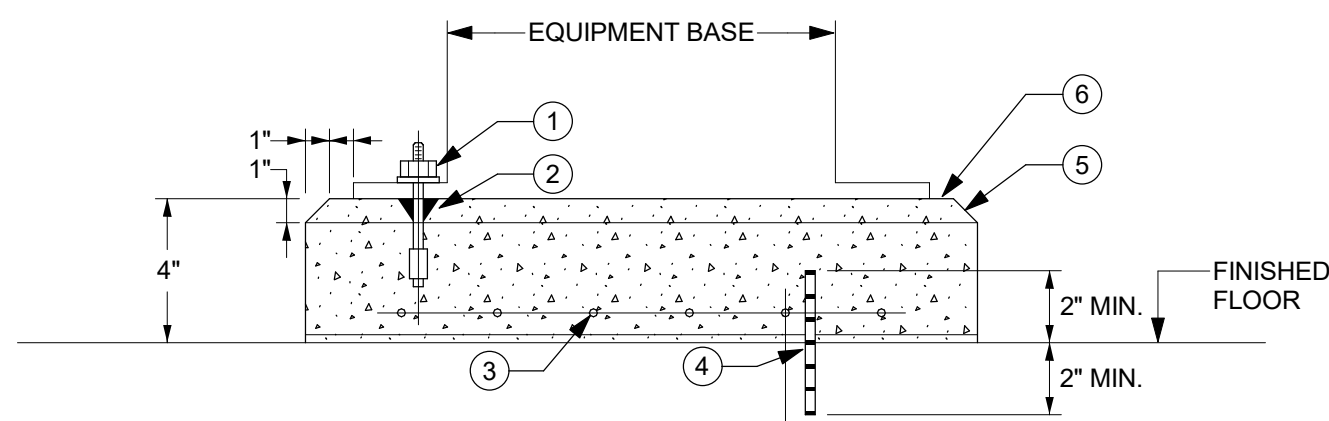


DETAIL NOTES:

- GROUNDING ELECTRODE CONDUCTOR. PROVIDE INSULATED COPPER CONDUCTOR PER SPECIFICATIONS. IF NO SIZE IS SPECIFIED, PROVIDE INSULATED COPPER CONDUCTOR SIZED PER N.E.C., TABLE 250-66. INSTALL IN RIGID, SCHEDULE 40, PVC RACEWAY.
- METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH EARTH FOR 10 FEET OR MORE. SHALL BE SUPPLEMENTED BY ITEMS 3 & 4.
- BUILDING STRUCTURAL STEEL.
- MADE GROUNDING ELECTRODE. REFER TO MADE GROUNDING ELECTRODE-GROUND GRID DETAIL & SPECIFICATIONS.
- MAIN BONDING JUMPER. PROVIDE INSULATED COPPER CONDUCTOR PER N.E.C. ARTICLE 250-28.
- BOND GROUND BUS TO EQUIPMENT ENCLOSURE WITH BARE COPPER BONDING JUMPER PER N.E.C. ARTICLE 250-28.

1 SERVICE ENTRANCE GROUNDING

NTS

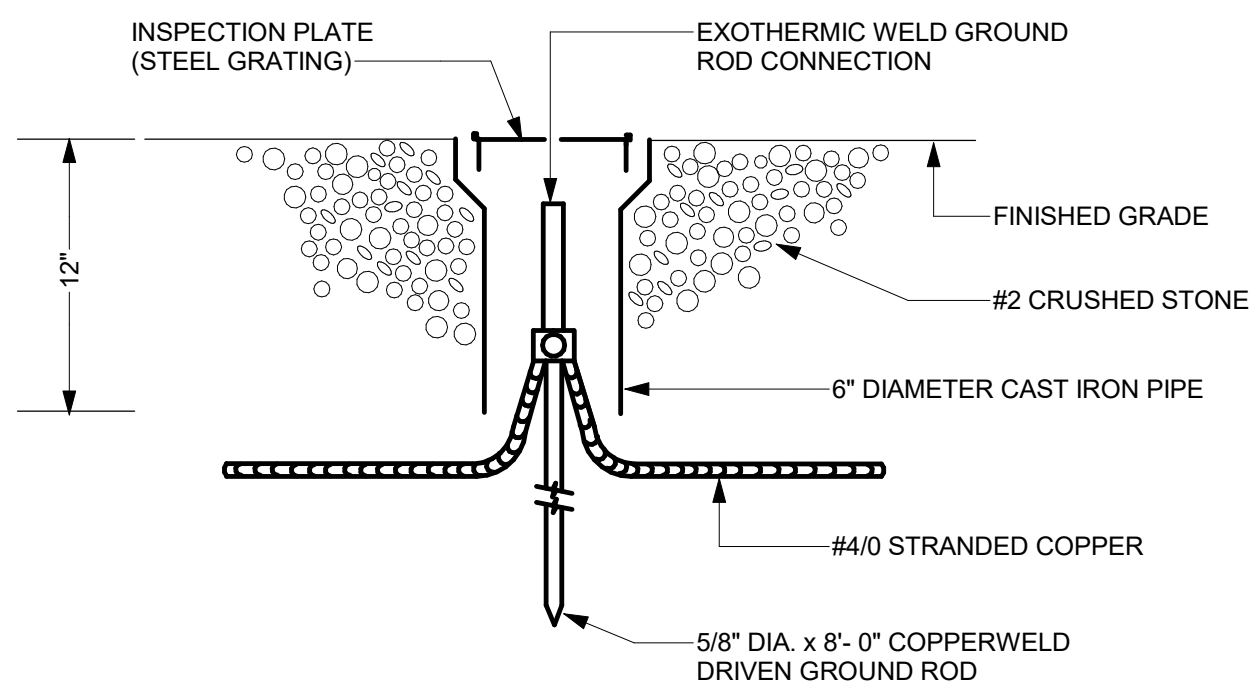


DETAIL NOTES:

- ANCHOR BOLT, SIZE & LOCATION AS REQUIRED TO MATCH EQUIPMENT BASE.
- PLASTIC SLEEVE & ANCHOR.
- #3 REINFORCING BARS, 12" O.C. EACH WAY.
- #4 DOWEL, 12" O.C.
- CHAMFER.
- CONCRETE PAD 3,000 PSI CONCRETE, LENGTH & WIDTH, 6" GREATER THAN THE EQUIPMENT BASE PLATE.

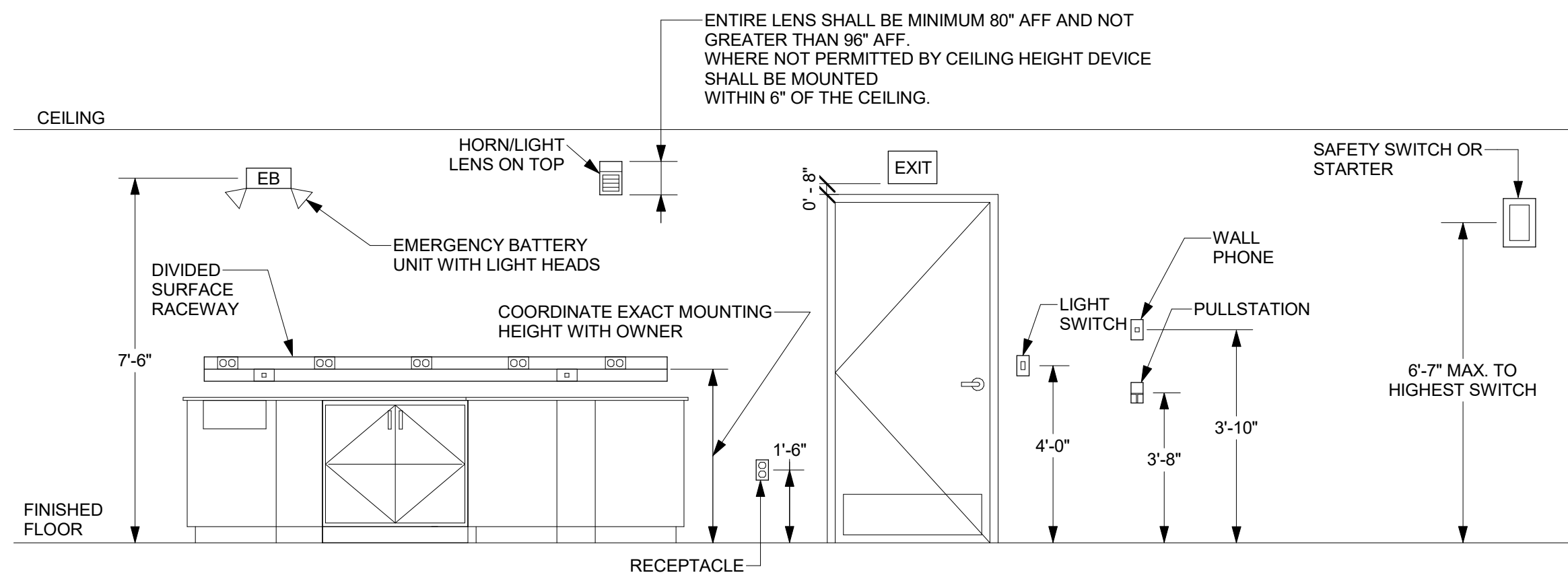
4 CONCRETE EQUIPMENT BASE DETAIL (ELEC)

NTS



6 TYPICAL GROUND ROD DETAIL

NTS



NOTES:

- 24" x 24" x 24" PRECAST POLYMER CONCRETE STACKABLE ENCLOSURE, OPEN BOTTOM.
- 24" x 24" x 14" STACKABLE EXTENSION, OPEN BOTTOM.
- BOLTED COVER.
- 6" OF #2 CRUSHED STONE BELOW HANDHOLE. EXTEND MINIMUM OF 6" AROUND OUTSIDE EDGE.
- SLOPE FINISHED GRADE AWAY FROM COVER.

9 HANDHOLE DETAIL

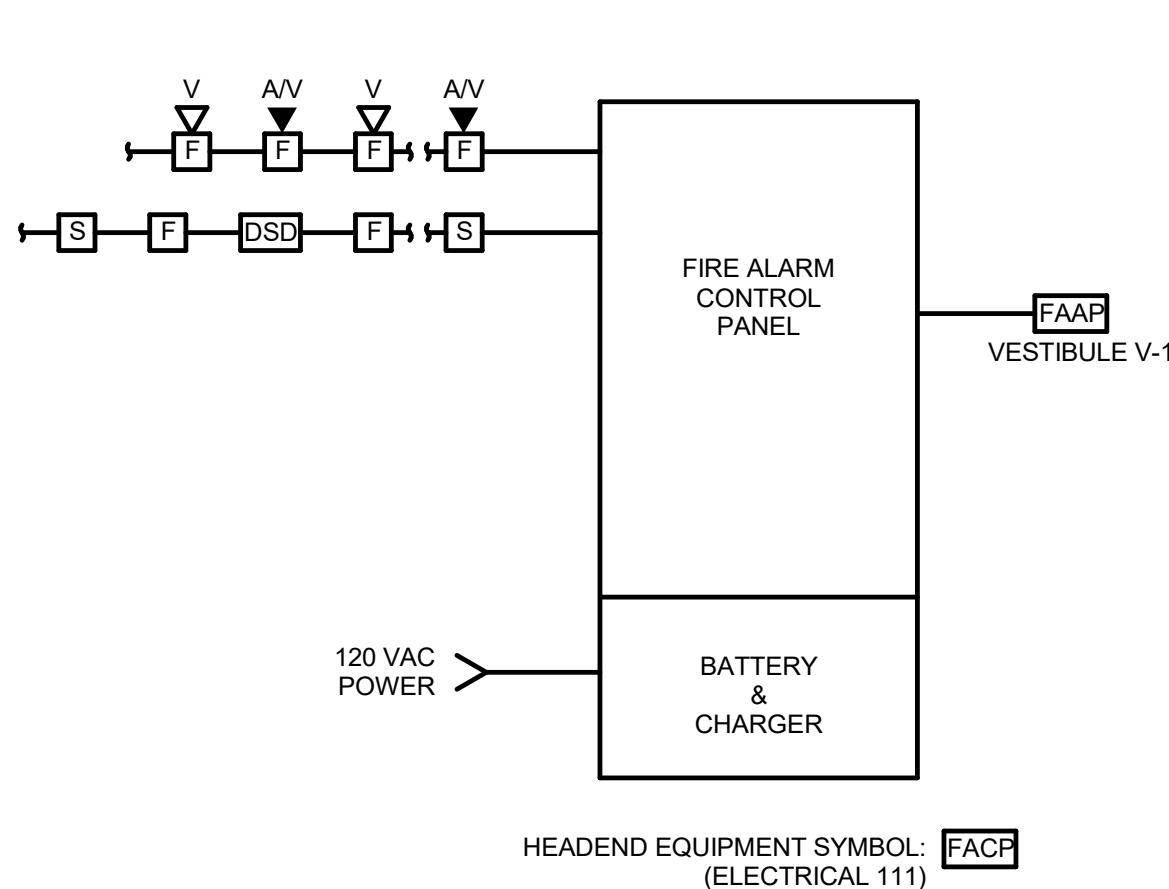
NTS

DETAIL NOTES:

- MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING.
- THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS.

2 TYPICAL EQUIPMENT AND WIRING DEVICES MOUNTING HEIGHTS

NTS



DETAIL NOTES:

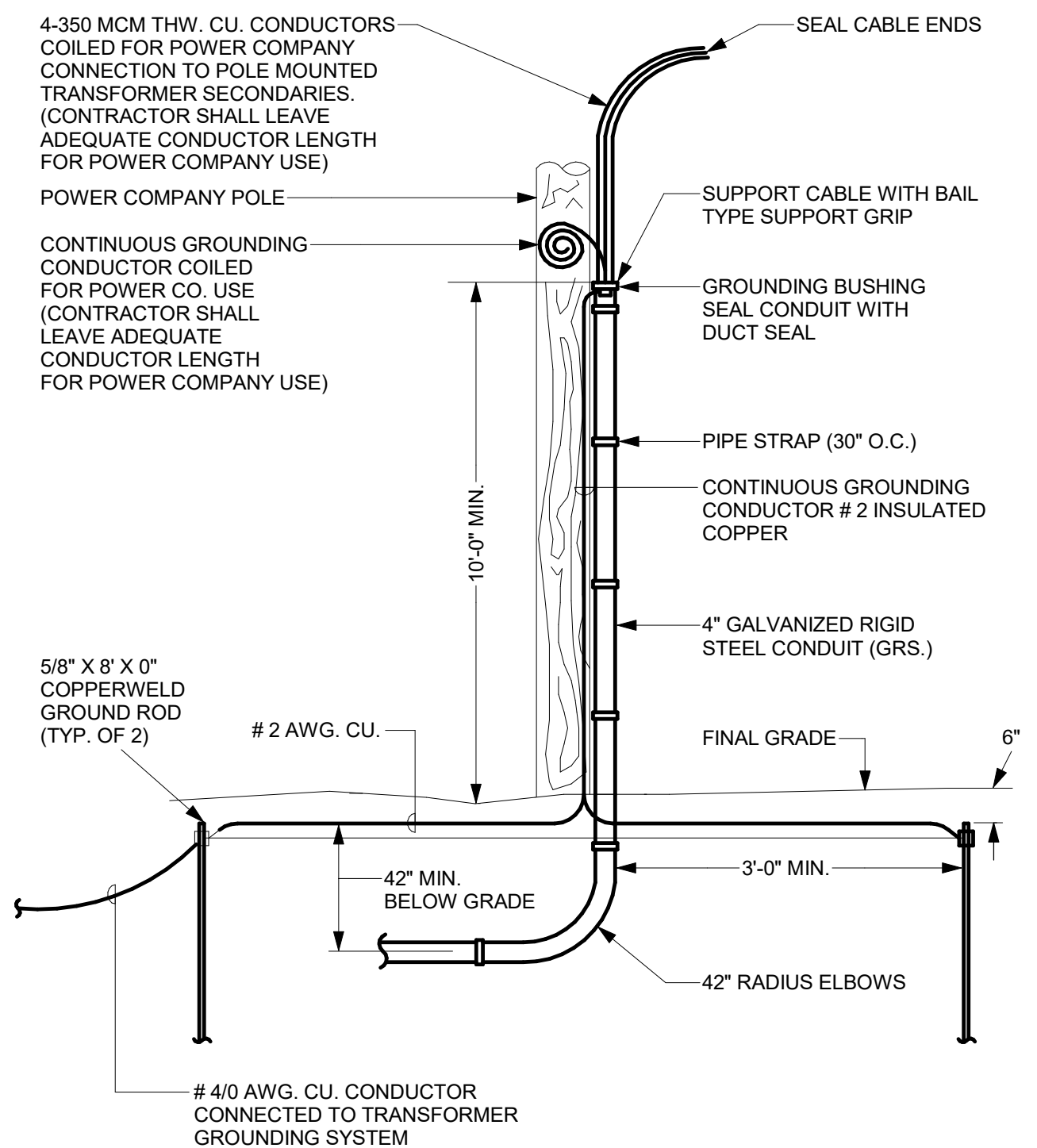
- ALL GROUND CONDUCTORS SHALL BE #4/0 BARE STRANDED COPPER INSTALLED IN A 1" PVC CONDUIT

5 ELECTRICAL ROOM GROUNDING TERMINAL BAR DETAIL

NTS

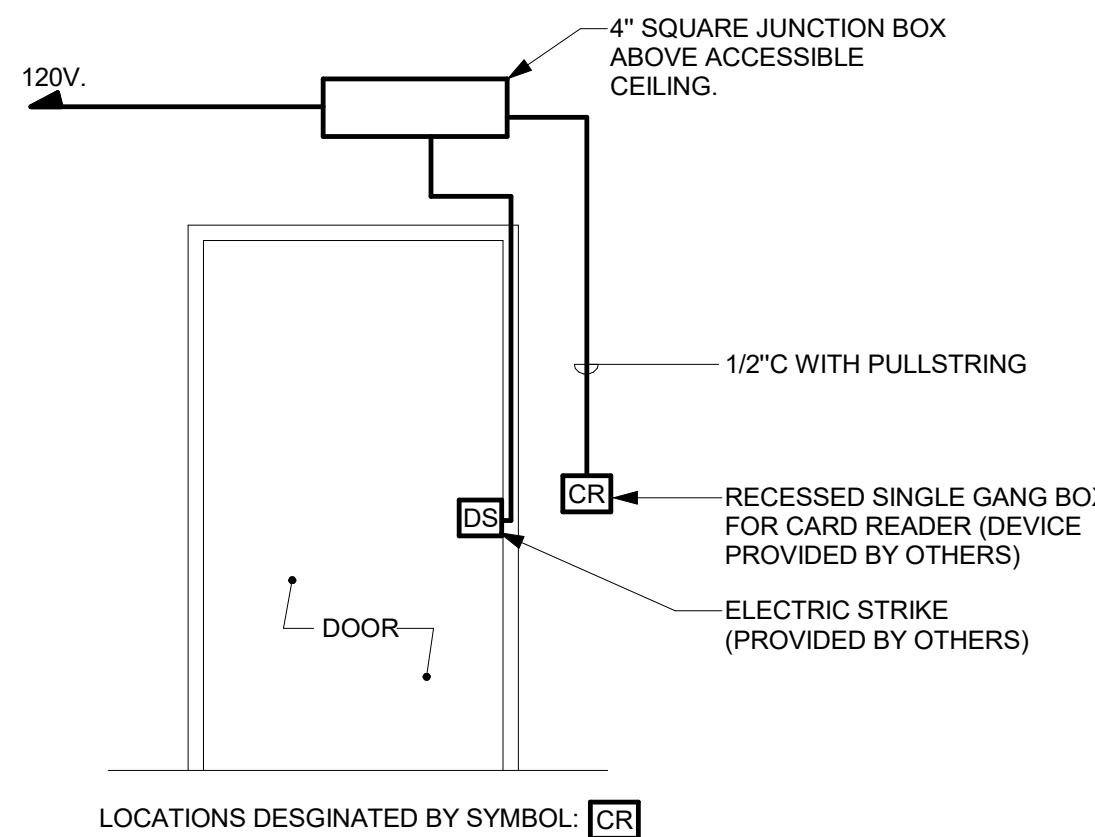
3 FIRE ALARM BLOCK DIAGRAM

NONE



7 STEEL CONDUIT RISER AT POWER COMPANY POLE - 02

NTS



DETAIL NOTES:

- TERMINATIONS AND TESTING BY OTHERS.
- COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR AND DOOR INSTALLER.
- REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

8 TYPICAL DOOR ACCESS CONTROL

NTS



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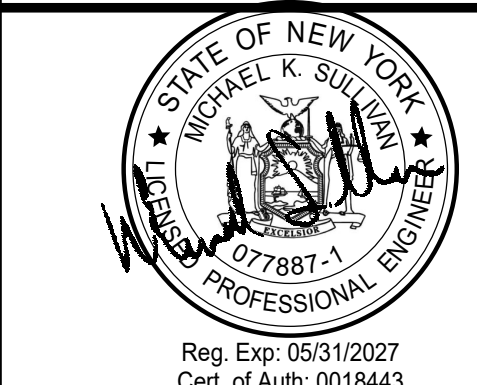
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Drawing: ELECTRICAL DETAILS



Project: 23138 Date: 02/24/25

Drawn: KML Scale: AS NOTED

Drawing Number:

E-702



PLUMBING GENERAL NOTES

THESE NOTES ARE APPLICABLE TO THE FULL SET OF CONTRACT DOCUMENTS.

- A. SLEEVE AND SEAL ALL WALL AND FLOOR PENETRATIONS. PROVIDE FIRESTOPPING FOR ALL PENETRATIONS.
- B. MAINTAIN SERVICE CLEARANCES OF ALL EQUIPMENT. ADVISE OTHER TRADES OF THE REQUIRED SERVICE CLEARANCES.
- C. PROVIDE FOR THE DRAINING AND REFILLING OF PIPING SYSTEMS, INCLUDING AIR REMOVAL, RESETTNG OF FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE CAUSED BY SHUTDOWNS AND STARTUPS.
- D. REFER TO EQUIPMENT/ FUTURE SCHEDULE FOR FINAL CONNECTION SIZES.
- E. PROVIDE CLEANOUTS AT THE BASE OF ALL STORM, SANITARY AND WASTE STACKS.
- F. PITCH 4" AND LARGER SANITARY AND WASTE PIPING AT 1/8" PER FOOT UNLESS OTHERWISE NOTED. FOR SANITARY AND WASTE PIPING 3" AND SMALLER PITCH AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.
- G. COORDINATE LOCATION AND ELEVATION OF STORM AND SANITARY LATERALS AND WATER SERVICE WITH THE SITE CONTRACTOR. NO ALLOWANCE WILL BE MADE FOR ADDITIONAL COSTS DUE TO THE CONTRACTORS FAILURE TO COORDINATE TERMINATION POINTS. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE FINAL CONNECTION TO THE SITE UTILITIES.
- H. MINIMUM SIZE OF WASTE PIPING BELOW SLAB SHALL BE 3". MINIMUM SIZE OF VENT PIPING BELOW SLAB SHALL BE 2".
- I. PITCH 4" AND LARGER STORM PIPING AT 1/8" PER FOOT UNLESS NOTED OTHERWISE.

ELECTRIC WATER HEATER SCHEDULE - TANK TYPE											
NO.	SERVICE	TYPE	NOM. CAPACITY...	RATED STORAGE...	INPUT KW	RECOVERY GAL./HR	TEMP RISE DEG F	ELECTRIC			DESIGN MAKE
								VOLT	HZ	PHASE	
WH-1	DOMESTIC HW	TANK	55	42	5.5	25	90	208V	60	1	BRADFORD WHITE RE26513-3

DHW RECIRC PUMP SCHEDULE											
NO.	LOCATION	SERVICE	GPM	HEAD FT WATER	MOTOR					TYPE	DESIGN MAKE
					HP	VOLTAGE	PHASE	AMP	RPM		
RP-1	MECH	DHW RECIRC	0-33	0-29	1/6	115	1	1.8	-	INLINE	ENOVATIVE AUTOHOT DR099A

- REMARKS
1. AUTOHOT CONTROLLER DEMAND RECIRCULATION COMPLIANT WITH IECC 2020

THERMOSTATIC MIXING VALVE SCHEDULE									
NO.	VALVE PRESS. DROP & FLOW			MIN GPM	HW INLET	CW INLET	MIXED OUTLET	DESIGN MAKE	NOTES
	5 PSI	20 PSI							
TMV-1	50 GPM	101 GPM		5.0	1-1/2"	1-1/2"	1-1/2"	POWERS LFIS150VL	DIGITAL MIXING VALVE

- NOTES:
1. MINIMUM GPM IS TO COMPLY WITH ASSE 1017.

DESIGNATION	DESCRIPTION	COLD WATER	HOT WATER	WASTE/ SANITARY/ STORM	VENT	REMARKS
FD-A	FLOOR DRAIN	-	-	4"	2"	JAY R. SMITH FIG. #2010
LAV-A	LAVATORY - WALL HUNG	1/2"	1/2"	2"	1-1/2"	AS SPECIFIED
LAV-B	LAVATORY - DROP IN	1/2"	1/2"	2"	1-1/2"	AS SPECIFIED
LAV-C	LAVATORY - WALL HUNG	1/2"	1/2"	2"	1-1/2"	ANTI-LIGATURE. SEE SPECIFICATION
MB-A	MOP BASIN	1/2"	1/2"	3"	2"	AS SPECIFIED
SH-A	SHOWER	1/2"	1/2"	2"	1-1/2"	ROLL-IN, ADA
SK-A	SINK	1/2"	1/2"	2"	1-1/2"	AS SPECIFIED
SK-B	SINK	1/2"	1/2"	2"	1-1/2"	AS SPECIFIED
UR-A	URINAL	3/4"	-	2"	1-1/2"	AS SPECIFIED
UR-B	URINAL (ADA)	3/4"	-	2"	1-1/2"	AS SPECIFIED
WC-A	WATER CLOSET - WALL HUNG	1"	-	4"	MIN 2"	PROVIDE SHOCK ABSORBER
WC-B	WATER CLOSET - WALL HUNG (ADA)	1"	-	4"	MIN 2"	PROVIDE SHOCK ABSORBER
WCC	WATER CLOSET - WALL HUNG	1"	-	4"	2"	ANTI-LIGATURE. SEE SPECIFICATION
RD-A	ROOF DRAIN - PRIMARY	-	-	SEE PLAN	-	AS SPECIFIED
RD-B	ROOF DRAIN - SECONDARY	-	-	SEE PLAN	-	AS SPECIFIED
WHA	WALL HYDRANT	3/4"	-	-	-	AS SPECIFIED

SHOCK ABSORBER SCHEDULE			
NO.	FIXTURE UNIT RATING	SIZE IN INCHES	PDI SYMBOL
SA-A	1 - 11	1/2"	A
SA-B	12 - 32	3/4"	B
SA-C	33 - 60	1"	C
SA-D	61 - 113	1 1/4"	D
SA-E	114 - 154	1 1/2"	E
SA-F	155 - 330	2"	F

PLUMBING SYMBOL LIST	
SYMBOL	DESCRIPTION
	POINT OF CONNECTION
NTS	NOT TO SCALE
(E)	EXISTING
(ETR)	EXISTING TO REMAIN
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
VTR	VENT THRU ROOF
GC	GENERAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
PC	PLUMBING CONTRACTOR
EC	ELECTRICAL CONTRACTOR
(E)	EXISTING PIPING
---	NEW PIPING LOCATED ABOVE FLOOR/SLAB
---	NEW PIPING LOCATED BELOW FLOOR/SLAB
•	COLD WATER PIPING (CW)
••	HOT WATER PIPING (HW)
•••	HOT WATER RECIRCULATING PIPING (HWR)
TW	TEMPERED HOT WATER PIPING (TW)
TWR	TEMPERED HOT WATER RETURN PIPING (TWR)
W	WATER SERVICE - EXTERIOR
SAN	SANITARY SEWER PIPING
GW	GREASE WASTE PIPING (GW)
IW	INDIRECT WASTE PIPING (IW)
—V—	VENT PIPING (V)
ST	STORM WATER SEWER PIPING (ST)
ST(2)	SECONDARY STORM WATER SEWER PIPING (ST(2))
G	NATURAL GAS PIPING (G)
—>	ELBOW DOWN
—>>	45° OFFSET
—O	ELBOW UP
—o	BOTTOM/TEE CONNECTION
—T	TOP TEE CONNECTION
—>O	"P" TRAP
—+	PIPE CONTINUATION
—	CAP OR PLUG
—o	DECK PLATE CLEANOUT (DPCO)
—o	WALL PLATE CLEANOUT (WPCO)
—	CLEANOUT (CO)
□	FLOOR DRAIN (FD) / FLOOR SINK (FS)
⊙	ROOF DRAIN
⊕	WALL HYDRANT (WH) / HOSE BIBB (HB)
⌞	STRAINER
⌞	WATER METER
•	SHUT OFF VALVE
—o	BALANCING VALVE
—T—	CHECK VALVE
—S—	SOLENOID VALVE
—>S—	PRESSURE REDUCING VALVE
—>+—	RELIEF VALVE
—S	SHUT-OFF SWITCH
—B—	PIPE ANCHOR
—	PIPE GUIDE
—	UNION
—<<	BACKFLOW PREVENTER (BFP)
—>	SHOWER HEAD
—◆	SHOCK ABSORBER (SA)
—□	RECIRCULATION PUMP
—□	THERMOMETER
—+o	PRESSURE GAUGE
—X	DRAWING KEYNOTE
⊗	PIPE RISER CALLOUT



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Drawing: **GENERAL NOTES & SYMBOLS LIST**

Project: 23138 Date: 02/24/25  
Drawn: CES Scale: AS NOTED  
Drawing Number:

**P-001**



P-002 DRAWING NOTES

- 1 GAS GENERATOR BY OTHERS. 2400 CFH. GAS METER BY CENTRAL HUDSON. SEE DETAIL 1/P-504.
- 2 PROVIDE PIPE BOLLARDS AROUND GAS METER PER CENTRAL HUDSON STANDARDS. SEE DETAIL 2/P-504.



1 PLUMBING SITE PLAN  
1/16" = 1'-0"

0' 8' 16' 32'



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Drawing: PLUMBING SITE PLAN

Project: 23138 Date: 02/24/25  
Drawn: CES Scale: AS NOTED  
Drawing Number:  
P-002



1 UNDERSLAB PLAN - PLUMBING  
1/4" = 1'-0"

0' 2' 4' 8'

P-100 DRAWING NOTES

- 4" P-TRAP UP TO FD
- 2" V UP
- 4" SAN UP TO DPCO
- 2" P-TRAP UP TO SH-A
- 2" SAN UP TO SK
- 2" SAN UP TO SH-A
- 2" SAN UP TO UR
- 3" P-TRAP UP TO MB. PROVIDE 2" VENT IN WALL.
- 4" SAN UP IN WALL TO WALL MOUNT WATER CLOSET SANITARY WASTE.
- 2" SAN UP TO LAV.
- 2" SAN UP TO WATER COOLER.
- 4" SAN UP TO FLOOR MOUNTED WATER CLOSET.
- 2" SAN UP TO CEILING OF FIRST FLOOR. OFFSET AND ROUTE TO SECOND FLOOR CONDENSATE DRAIN BOX



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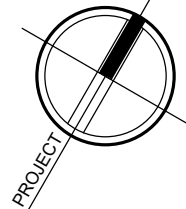
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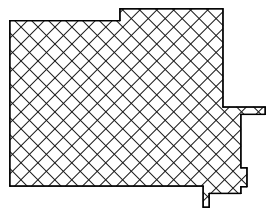
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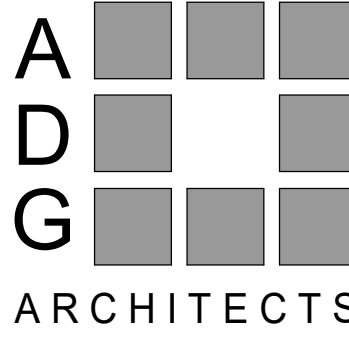
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KEY PLAN



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Drawing: UNDERSLAB PLAN - PLUMBING



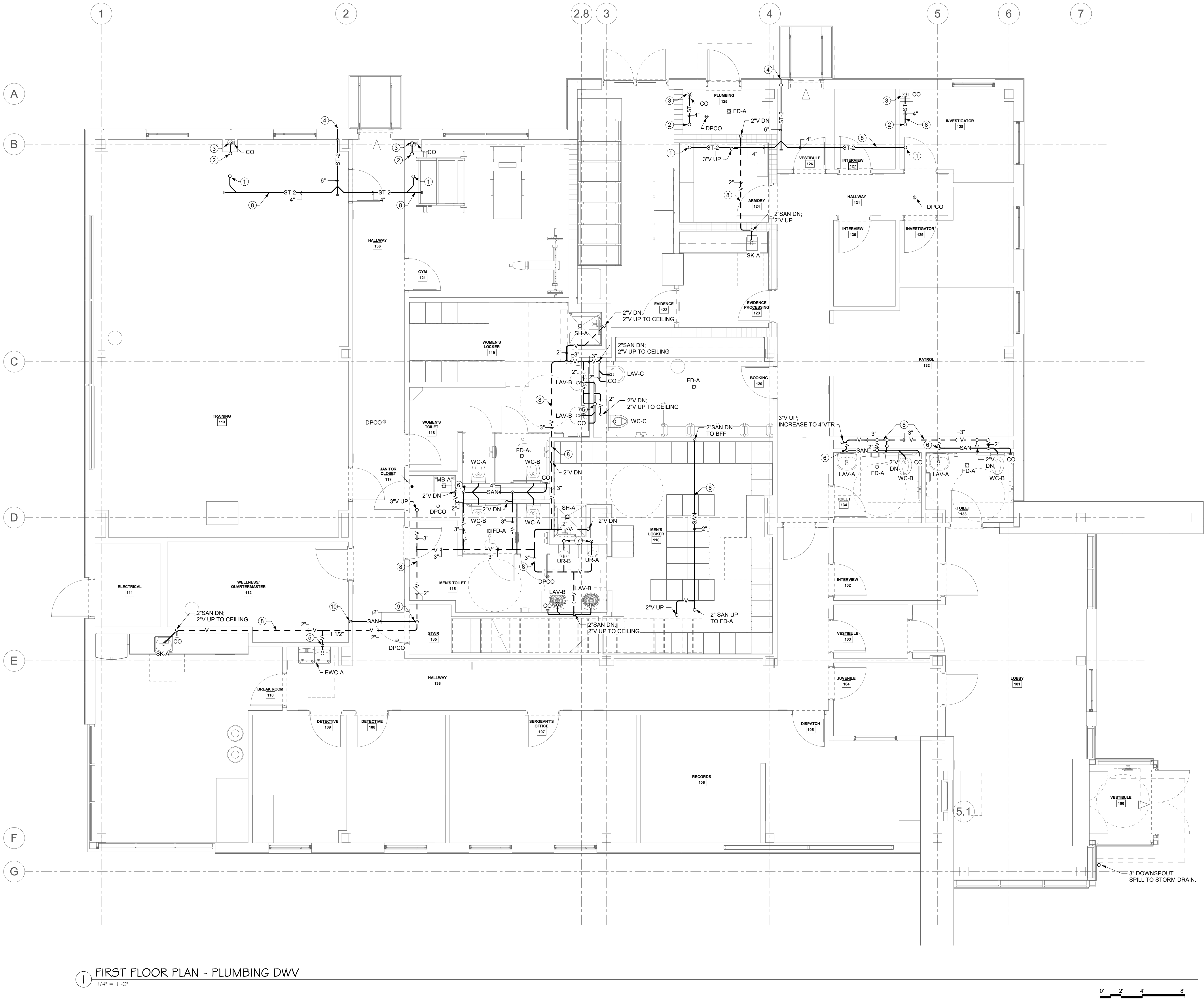
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Drawn: CES Scale: AS NOTED

Drawing Number:

P-100





1 FIRST FLOOR PLAN - PLUMBING DWV  
1/4" = 1'-0"

P-101S DRAWING NOTES

- 4" SECONDARY STORM PIPING UP TO RD-B.
- 4" PRIMARY STORM PIPING UP TO RD-A.
- 4" PRIMARY STORM PIPING DOWN TO BELOW GRADE. PROVIDE WALL PLATE CLEANOUT AT 1'-0" AFF. PROVIDE ACCESS PANEL FOR CLEANOUT ACCESS REFER TO DETAIL 8/P-503.
- TERMINATE 6" SECONDARY STORM OUTLET WITH LAMBS TONGUE. PROVIDE SPLASH BLOCK. INSTALL PER DETAIL 7/P-504.
- 2" SAN DN: 1-1/2" V UP
- 4" SAN DN: 3" V UP
- 2" SAN DN: 2" V UP
- DWV/STORM PIPING WILL BE INSTALLED IN CEILING WITH PLENUM RETURN. SEE HVAC DRAWINGS FOR EXACT LOCATIONS OF PLENUM CEILING RETURN AREAS. ALL PIPING EXPOSED IN CEILING PLENUM SHALL BE PLENUM RATED WITH FSI AND SDI IN COMPLIANCE WITH LOCAL CODES. REFER TO SPECIFICATION FOR SDI AND FSI MINIMUM REQUIREMENTS.
- PROVIDE 2" SAN UP IN WALL ABOVE TO CONDENSATE DRAIN BOX.
- 2" SAN DN TO BFF.



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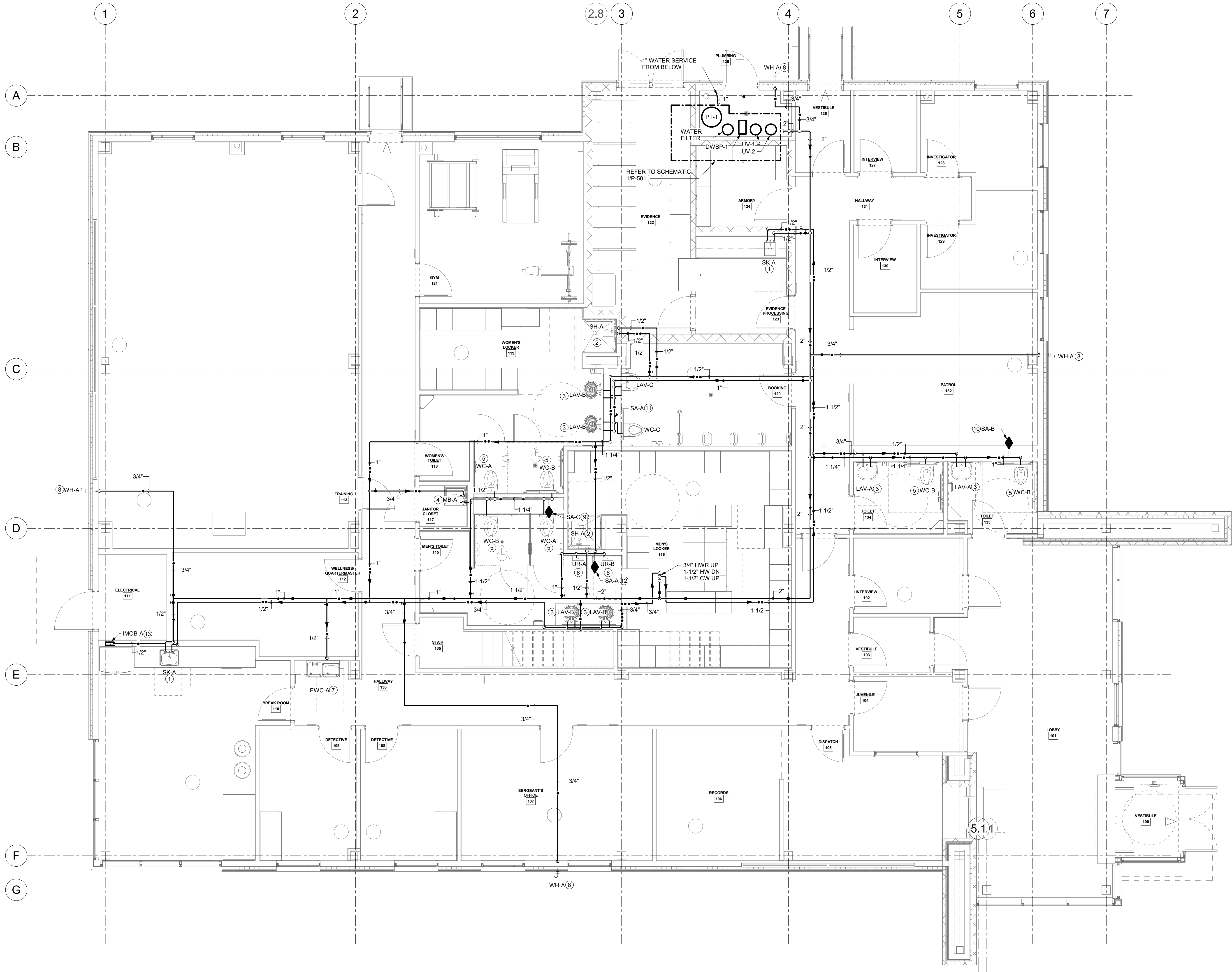
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Drawing: FIRST FLOOR PLAN - PLUMBING DWV

Project: 23138 Date: 02/24/25  
Drawn: CES Scale: AS NOTED  
Drawing Number:  
**P-101S**





1 FIRST FLOOR PLAN - PLUMBING DOMESTIC WATER  
1/4" = 1'-0"

**P-101W DRAWING NOTES** ⓧ

- 1 SK-A: PROVIDE 1/2" HW & 1/2" CW DN.
- 2 SH-A: PROVIDE 1/2" HW & 1/2" CW DN TO SHOWER VALVE.
- 3 LAV: PROVIDE 1/2" HW & 1/2" CW TO FIXTURE.
- 4 MB: PROVIDE 1/2" HW & 1/2" CW TO FIXTURE.
- 5 WC: PROVIDE 1" CW TO FIXTURE FLUSH VALVE.
- 6 UR: PROVIDE 3/4" CW TO FIXTURE FLUSH VALVE.
- 7 EWC-A: PROVIDE 1/2" CW TO FIXTURE. COORDINATE EXACT LOCATION WITH SPECIFIED FIXTURE MANUFACTURER'S IOM.
- 8 WH-A: PROVIDE 3/4" CW DN TO WALL HYDRANT. REFER TO DETAIL 9/P-503.
- 9 INSTALL SHOCK ARRESTOR FOR 20 FLUSH VALVE FIXTURE UNITS AT THIS LOCATION. PROVIDE 8"X8" ACCESS PANEL FOR SHOCK ARRESTOR SERVICING.
- 10 INSTALL SHOCK ARRESTOR FOR 16 FLUSH VALVE FIXTURE UNITS AT THIS LOCATION. PROVIDE 8"X8" ACCESS PANEL FOR SHOCK ARRESTOR SERVICING.
- 11 INSTALL SHOCK ARRESTOR FOR 5 FLUSH VALVE FIXTURE UNITS AT THIS LOCATION. PROVIDE 8"X8" ACCESS PANEL FOR SHOCK ARRESTOR SERVICING.
- 12 INSTALL SHOCK ARRESTOR FOR 8 FLUSH VALVE FIXTURE UNITS AT THIS LOCATION. PROVIDE 8"X8" ACCESS PANEL FOR SHOCK ARRESTOR SERVICING.
- 13 PROVIDE 1/2" CW TO RECESSED REFRIGERATOR SUPPLY BOX IN WALL. PROVIDE WATERLINE TO REFRIGERATOR.



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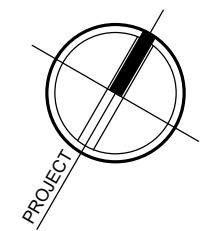
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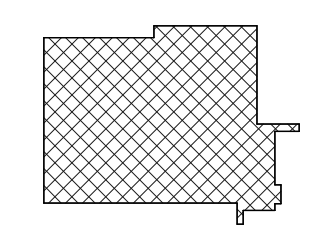
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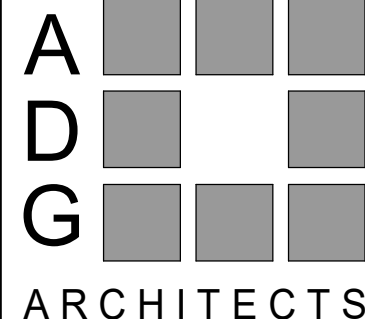
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KEY PLAN



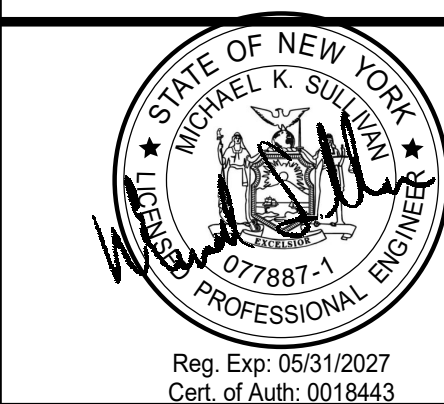
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Drawing: **FIRST FLOOR PLAN - PLUMBING**



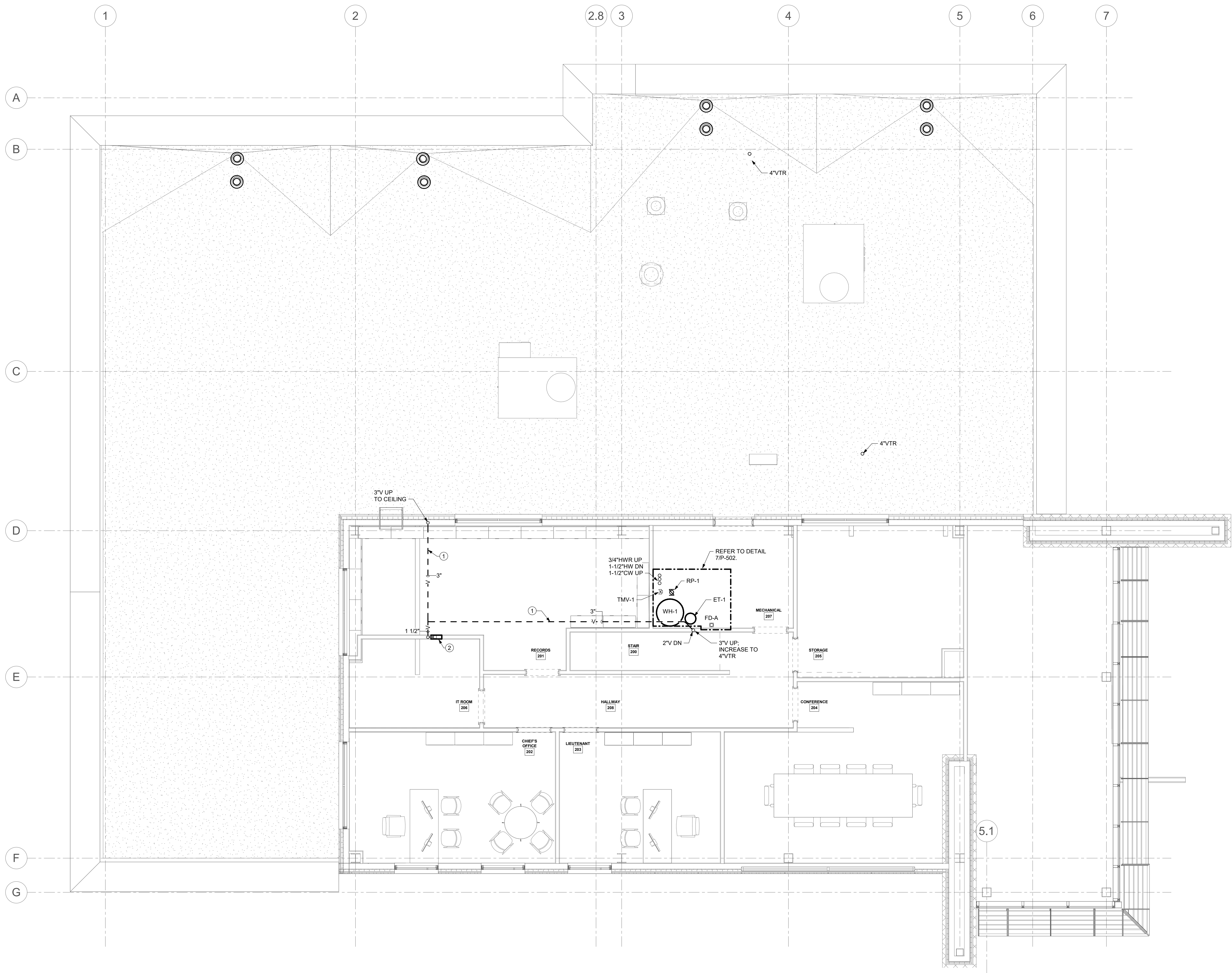
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Drawing Number:

**P-101W**





1 SECOND FLOOR PLAN - PLUMBING  
1/4" = 1'-0"

**P-102 DRAWING NOTES**

- 1 DWV/STORM PIPING WILL BE INSTALLED IN CEILING WITH PLENUM RETURN. SEE HVAC DRAWINGS FOR EXACT LOCATIONS OF PLENUM CEILING RETURN AREAS. ALL PIPING EXPOSED IN CEILING PLENUM SHALL BE PLENUM RATED WITH FSI AND SDI THAT MEETS COMPLIANCE WITH LOCAL CODES. REFER TO SPECIFICATION FOR SDI AND FSI MINIMUM REQUIREMENTS.
- 2 PROVIDE 2" SAN DN; 1-1/2" V UP IN WALL. PROVIDE CONDENSATE DISPOSAL WALL BOX AT THIS LOCATION. INSTALL PER DETAIL 3/P-504.



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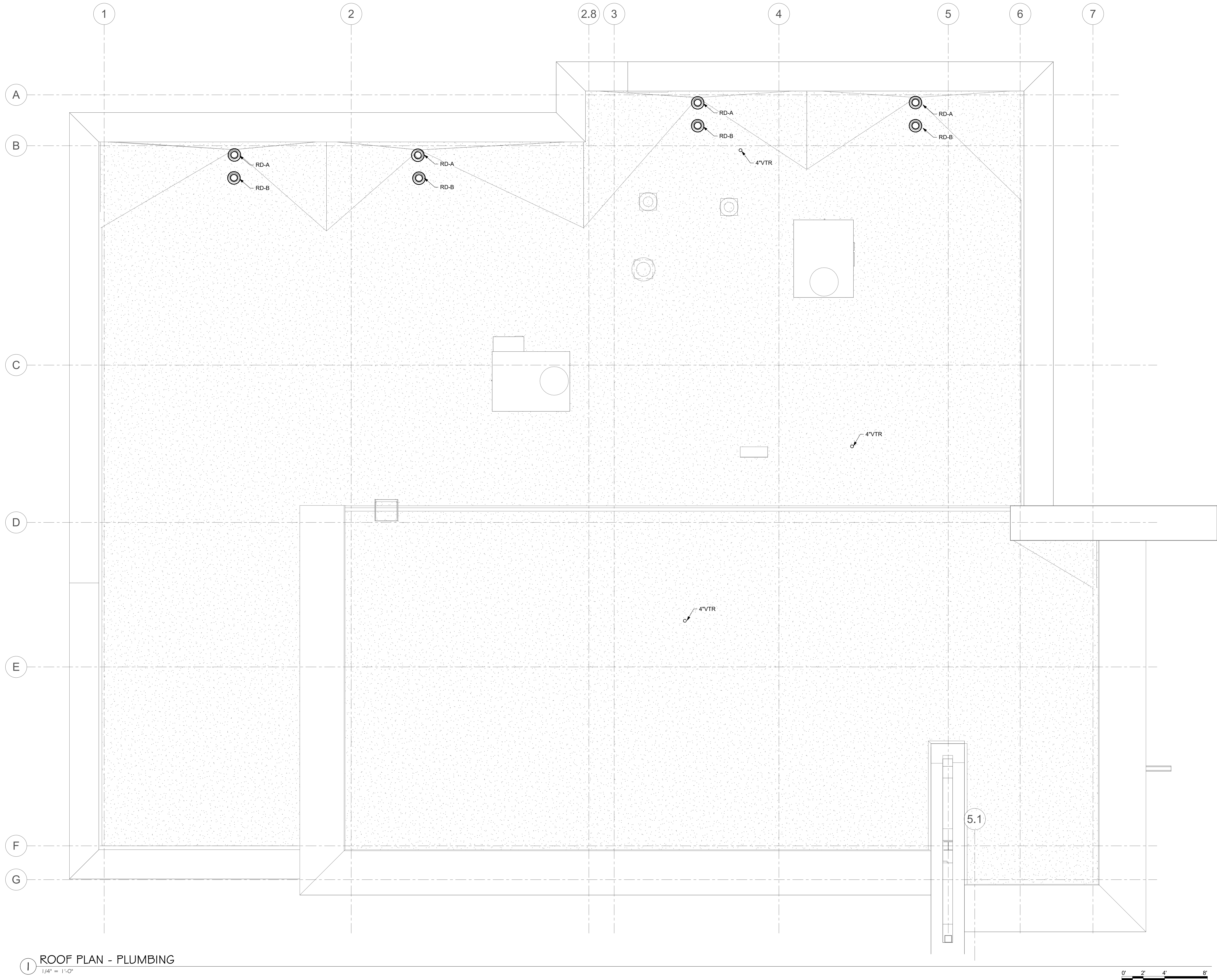
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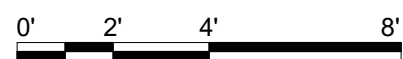
Drawing: **SECOND FLOOR PLAN - PLUMBING**

Project: 23138 Date: 02/24/25  
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Drawing Number:  
**P-102**





1 ROOF PLAN - PLUMBING  
1/4" = 1'-0"



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Drawing: ROOF PLAN - PLUMBING

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**P-103**



UV WATER TREATMENT SYSTEM PIPING SCHEMATIC NOTES:

- 1-1/2" RAW WATER SUPPLY FROM WELL SYSTEM  
SEE FLOOR PLAN FOR CONTINUATION.
- SAMPLING PORT AND VALVE (TYPICAL). OUTLET PORT:  
SMOOTH POLISHED. LEAD FREE BORE REQUIRED PER  
NYSDOH. THREADED BOILER DRAIN TYPE VALVE WILL  
NOT BE ACCEPTABLE.
- BALL VALVE (TYPICAL)
- SEDIMENT FILTER ASSEMBLY. 2" INLET  
2" OUTLET
- UV WATER TREATMENT UNIT. MAXIMUM FLOW  
RATE FOR EACH UNIT = 20 GPM. UNIT TO BE  
INSTALLED IN VERTICAL ONLY. INSTALL EACH UNIT  
TO ALLOW UV LAMPS TO BE REMOVED FROM THE TOP.  
HOUSING UNIT SIZE = 31" LONG x 4" DIA. PROVIDE  
UNISTRUT ASSEMBLY FOR MOUNTING TO EXISTING WALL.
- BALANCING HEADER ASSEMBLY. TYPICAL ON  
INLET AND OUTLET OF UV TREATMENT EQUIP.  
(2) TWO UV TREATMENT UNITS INSTALLED IN  
VERTICAL AND PIPED IN PARALELL
- FLOW METER / FLOW RESTRICTOR ASSEMBLY  
MAXIMUM FLOW INPUT = 20 GPM.  
(TYP ON EACH UNIT)
- COOLING FAN ASSEMBLY
- UV SENSOR
- 1-1/4" SOLENOID VALVE
- UV EQUIPMENT CONTROL PANELS. PROVIDE ONE  
PANEL FOR EACH UV TREATMENT ASSEMBLY
- TYPICAL CONTROL WIRING SCHEMATIC. REPEAT  
FOR TWO UNITS.
- 2" TREATED WATER OUT TO BUILDING. SEE  
FLOOR PLANS FOR CONTINUATION.
- 1-1/2" TOTALIZING TYPE WATER METER. ASSURED AUTOMATION  
MODEL G2, 1-1/2" NPT PIPE CONNECTIONS
- GRUNDFOS VARIABLE SPEED PRESSURE BOOSTER PUMP (DWBP-1)  
SEE SCHEDULE FOR MODEL AND CAPACITY. MOUNT ON WALL OR PROVIDE FLOOR  
STAND FOR MOUNTING PUMP FRAME.
- 1-1/2" SUCTION INLET
- 1-1/2" PUMP DISCHARGE

NORMAL OPERATION OF UV FILTERS WILL  
UTILIZE THREE UV UNITS PIPED IN PARALLEL.

DESIGN ALLOWS THE BUILDING TO OPERATE  
ON ANY ONE UV UNITS, IN ORDER TO PERFORM  
MAINTENANCE OF ONE OF THE TWO UNITS.  
BUILDING WATER SUPPLY WILL NOT BE REQUIRED  
TO BE SHUT DOWN DURING THIS PERIOD.

PIPING SCHEMATIC IS DIAGRAMMATIC TO  
PROVIDE PIPING AND VALVES FOR  
SHUT DOWN OF ANY UV ASSEMBLY.

PROVIDE CONTROL WIRING AND ASSOCIATED  
CONTROL PANEL FOR EACH UV UNIT AS  
INDICATED IN THIS SCHEMATIC. COORDINATE  
WITH EC FOR LINE POWER SUPPLY

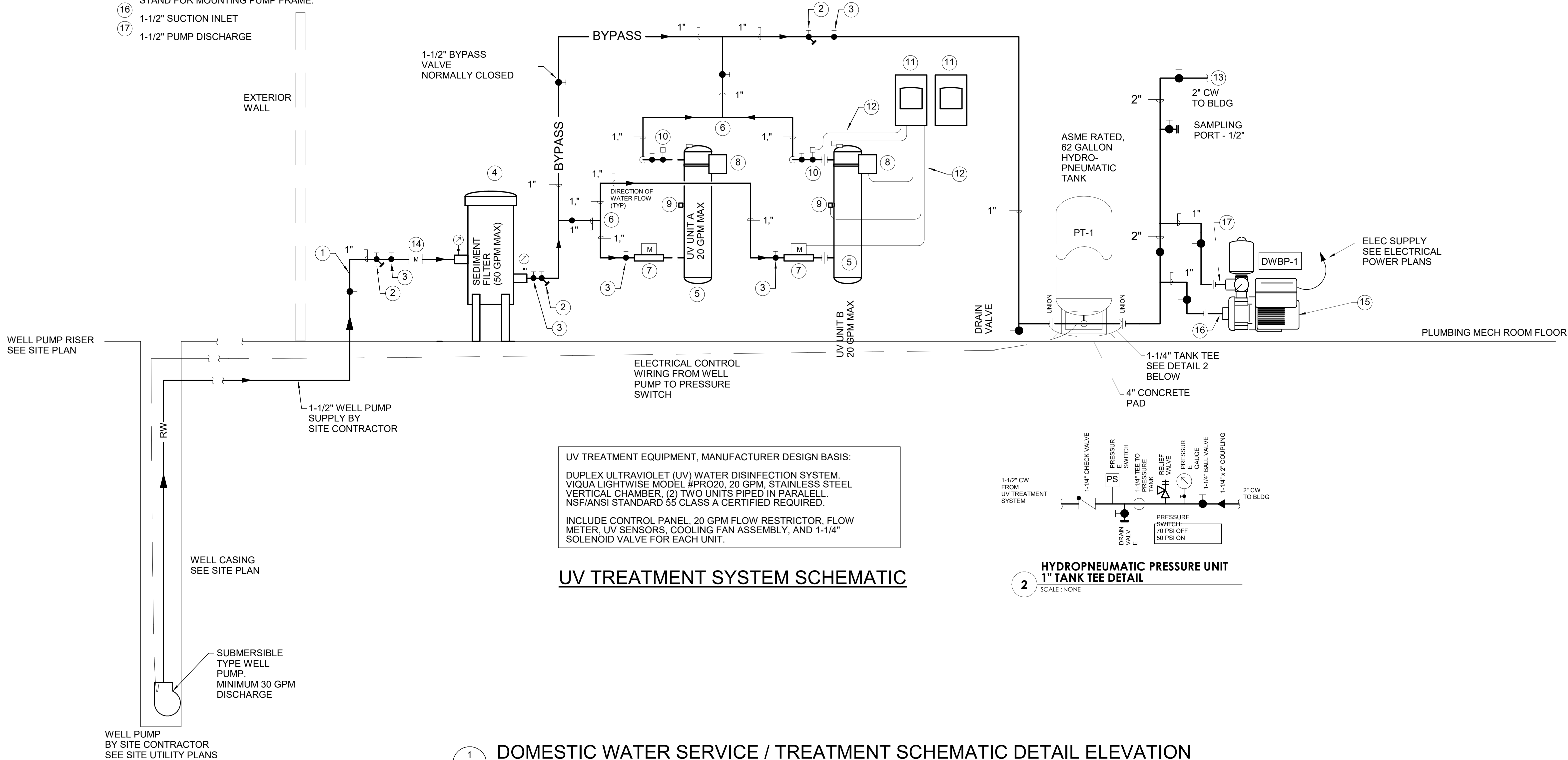
UV TREATMENT UNITS ARE REQUIRED TO MEET  
NSF STANDARD 61 AND STANDARD 55 CLASS A,  
PER NYS DEPT. OF HEALTH.  
FOR SCHEMATIC OF WATER  
FLOW  
THRU EQUIPMENT SEE DETAIL

BOOSTER PUMP SCHEDULE

TAG NO.	LOCATION	SERVICE	PUMP DATA			MOTOR DATA			REFERENCE MANUFACTURER AND REMARKS
			TYPE	GPM	TDH FT.	HP	RPM	POWER	
DWBP-1	DOWNSTREAM OF WATER METER	CW	END SUCTION PRESSURE BOOSTER	54.2	80	2	VSD	208	GRUNDFOS COMPACT BOOSTER PACKAGE MODEL NO. CMBE 10-54-I-U-C-E-D-G VARIABLE SPEED DRIVE WITH PUMP MOUNTED PRESSURE TANK

PRESSURE TANK SCHEDULE

TAG NO.	LOCATION	SERVICE	MAXIMUM SYSTEM PRESSURE (PSI)	TANK VOLUME (GALS.)	ACCEPTANCE VOLUME FACTOR	MANUFACTURER AND REMARKS
PT-1	WATER SERVICE	DOMESTIC COLD WATER	150	62	0.55	WELLXTROL MODEL NO. WX-251. 1-1/4" IPS CONNECTION



UV TREATMENT EQUIPMENT, MANUFACTURER DESIGN BASIS:

DUPLEX ULTRAVIOLET (UV) WATER DISINFECTION SYSTEM.  
VIQUA LIGHTWISE MODEL #PRO20, 20 GPM. STAINLESS STEEL  
VERTICAL CHAMBER. (2) TWO UNITS PIPED IN PARALELL.  
NSF/ANSI STANDARD 55 CLASS A CERTIFIED REQUIRED.

INCLUDE CONTROL PANEL, 20 GPM FLOW RESTRICTOR, FLOW  
METER, UV SENSORS, COOLING FAN ASSEMBLY, AND 1-1/4"  
SOLENOID VALVE FOR EACH UNIT.

HYDROPNEUMATIC PRESSURE UNIT  
1" TANK TEE DETAIL

SCALE: NONE

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Drawing: DETAILS



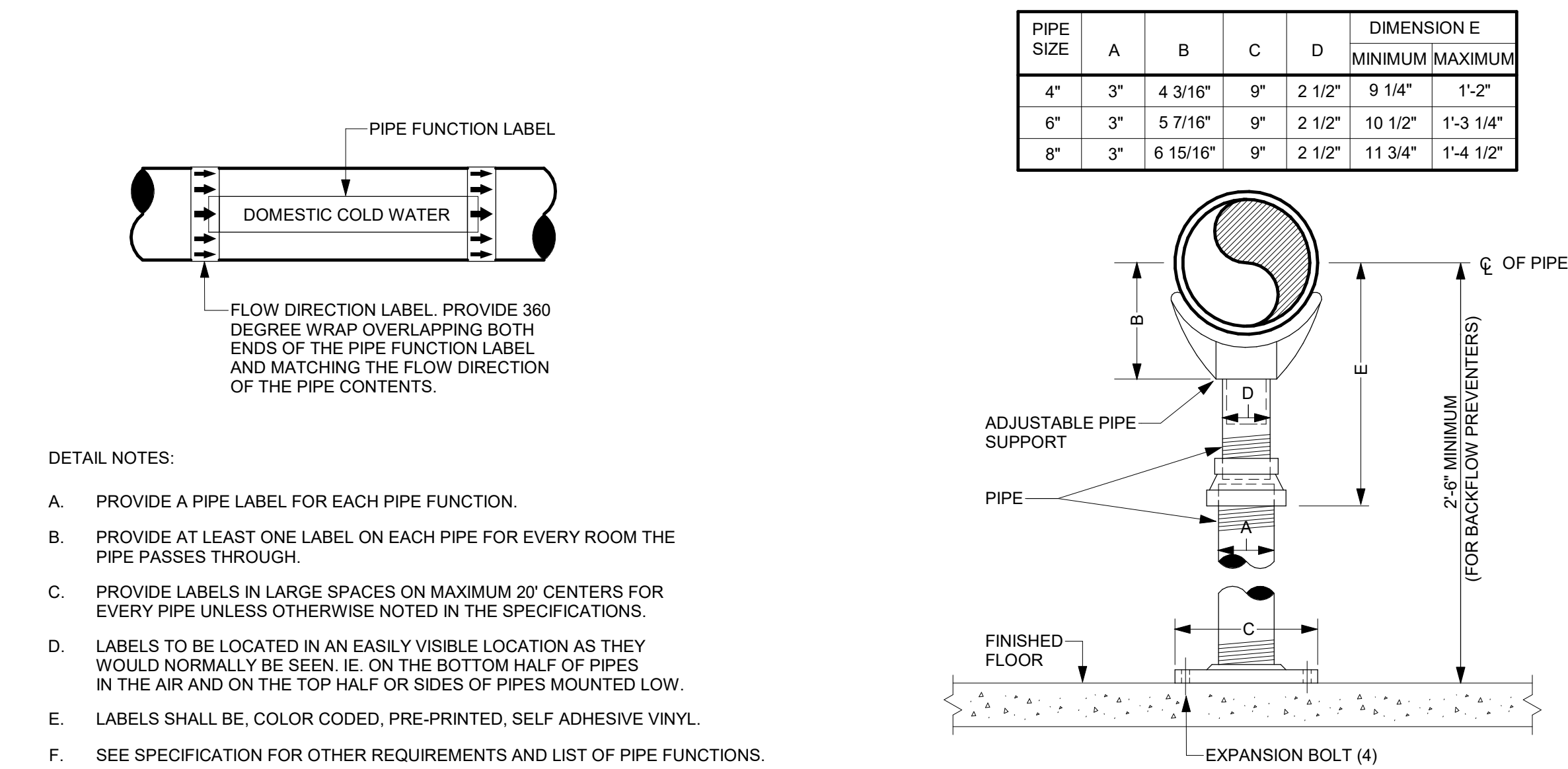
Project: 23138 Date: 02/24/25

Drawn: CES Scale: AS NOTED

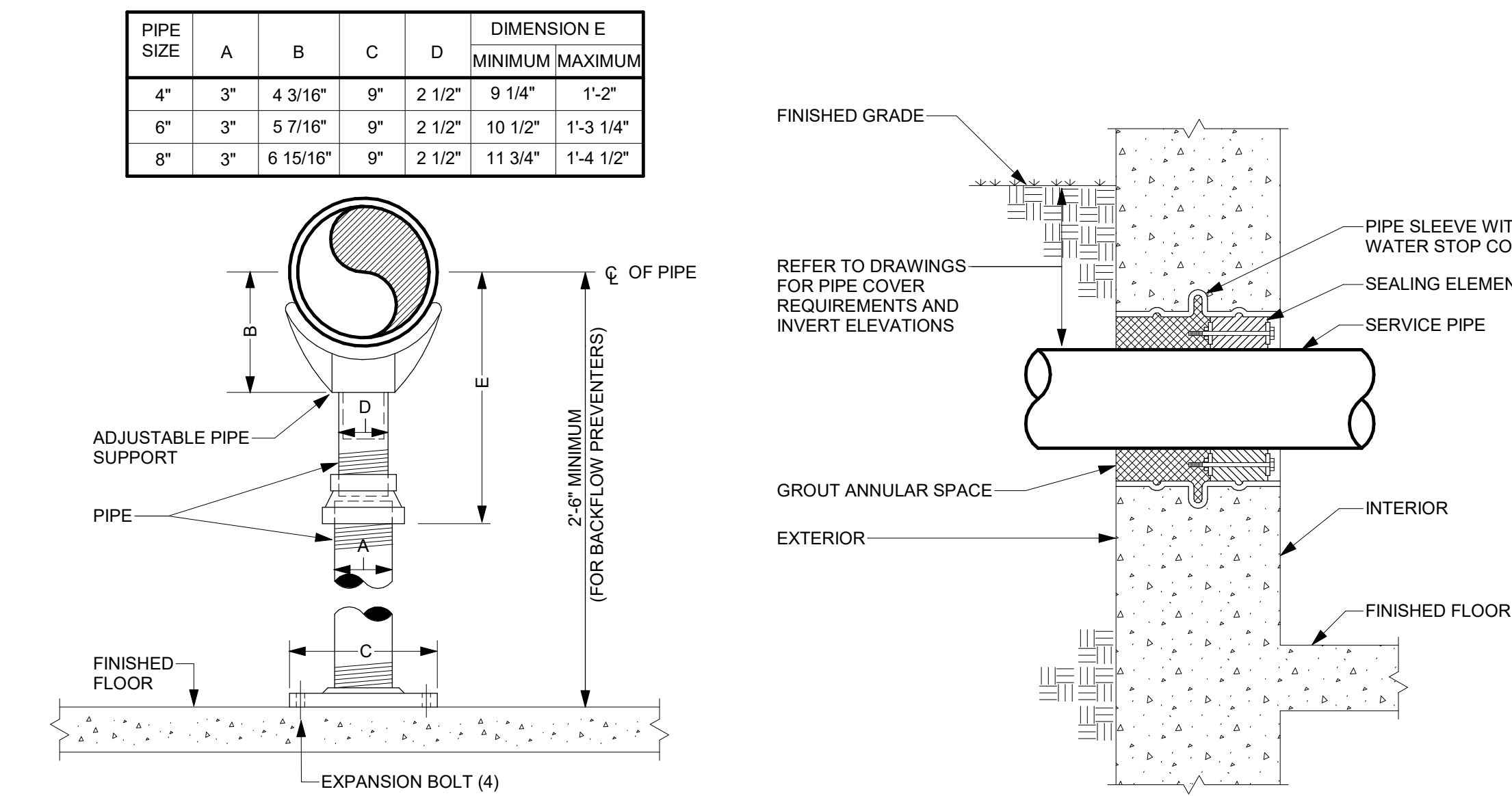
Drawing Number:

P-501

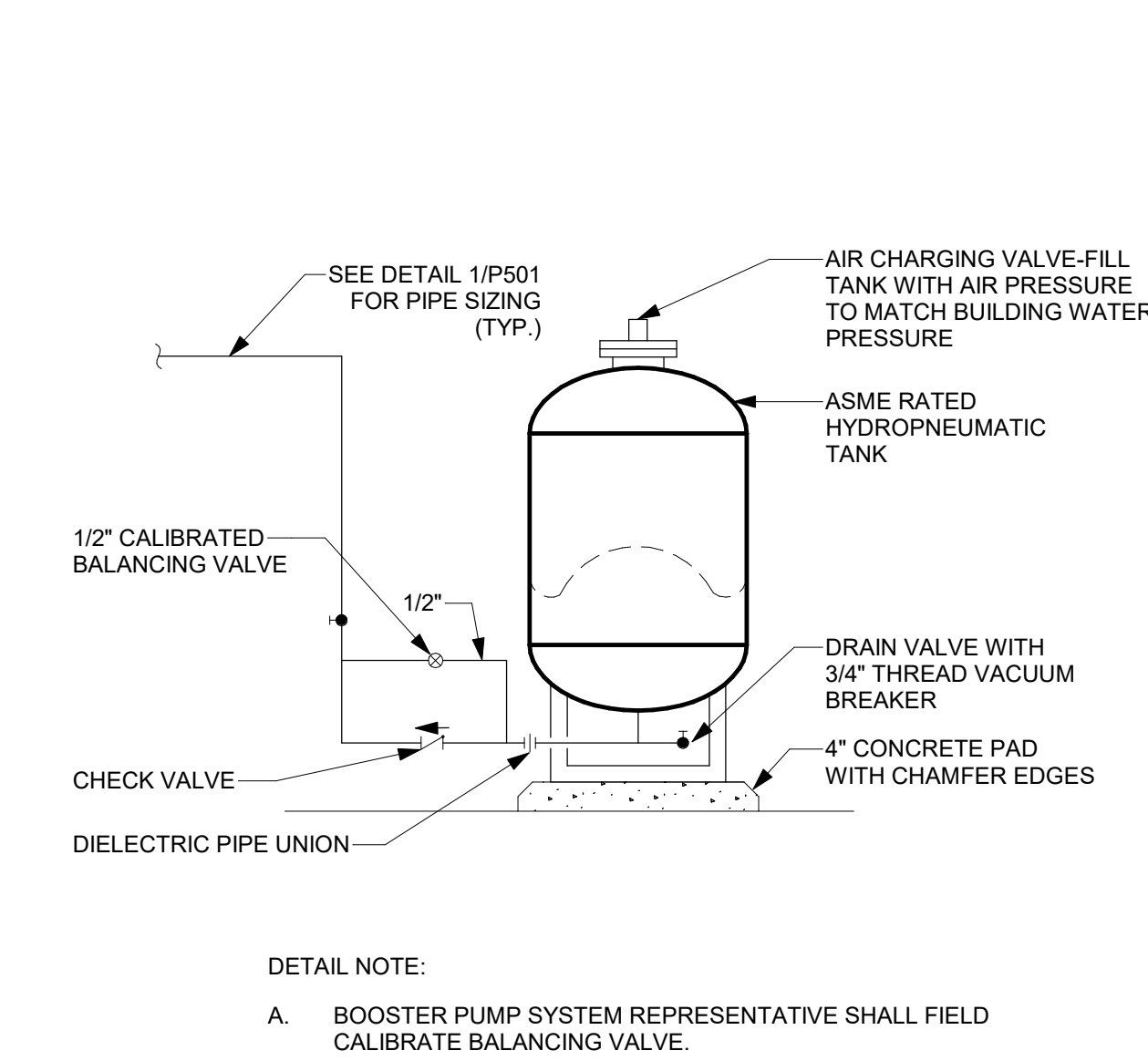




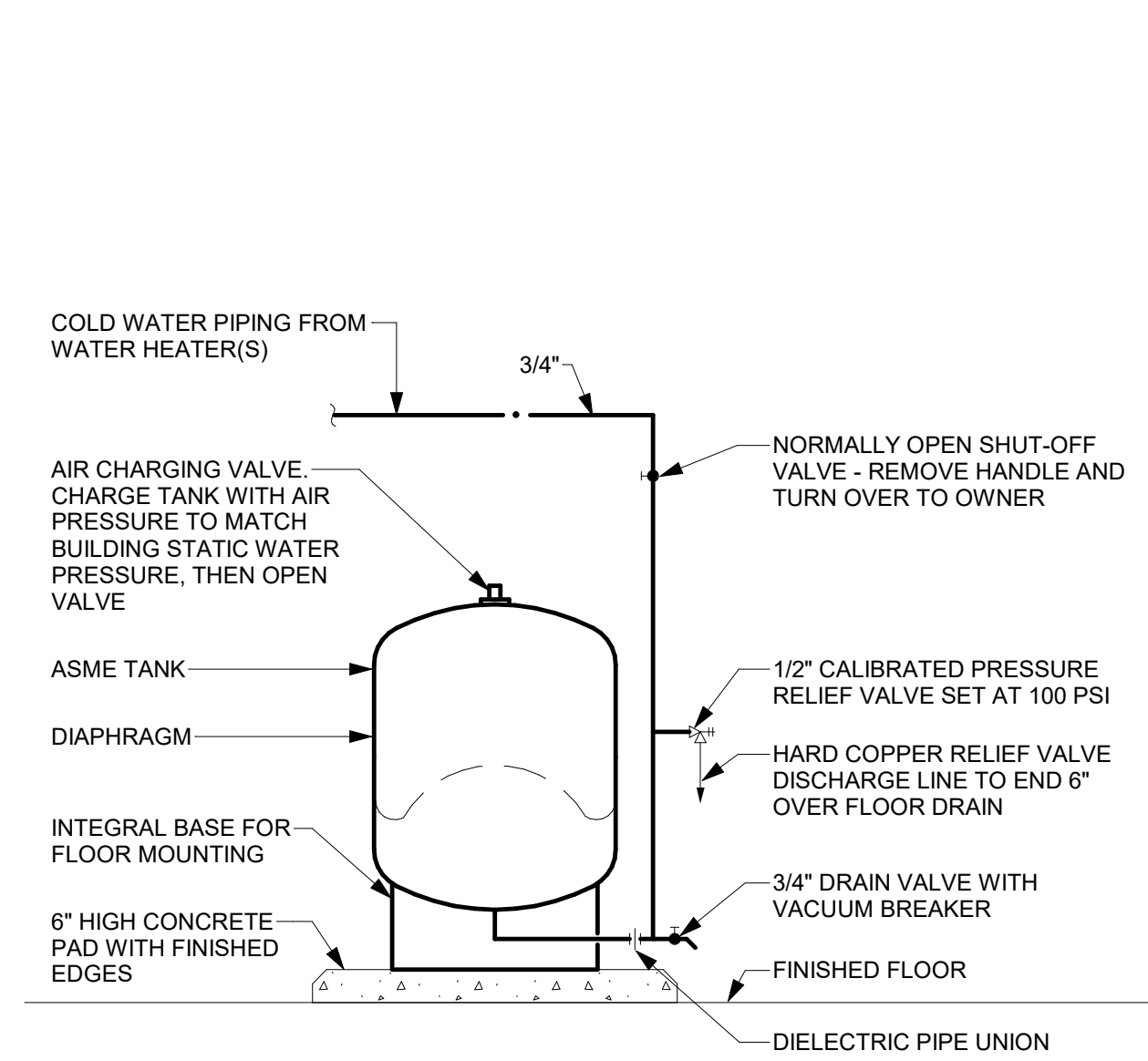
1 PIPING IDENTIFICATION LABEL DETAIL



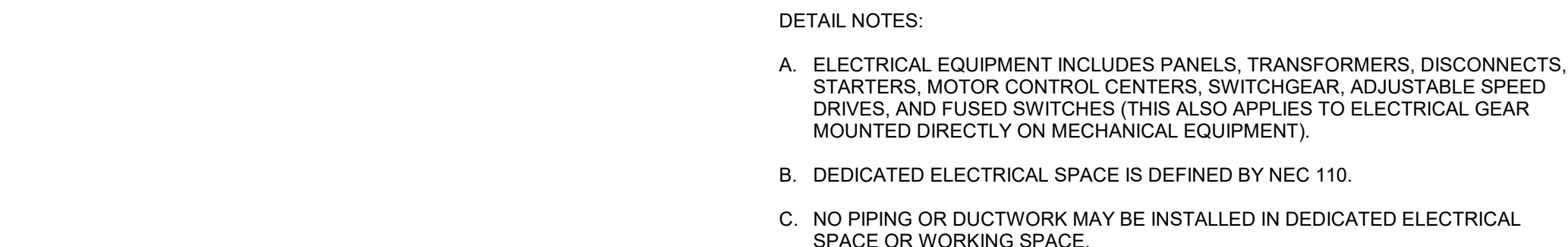
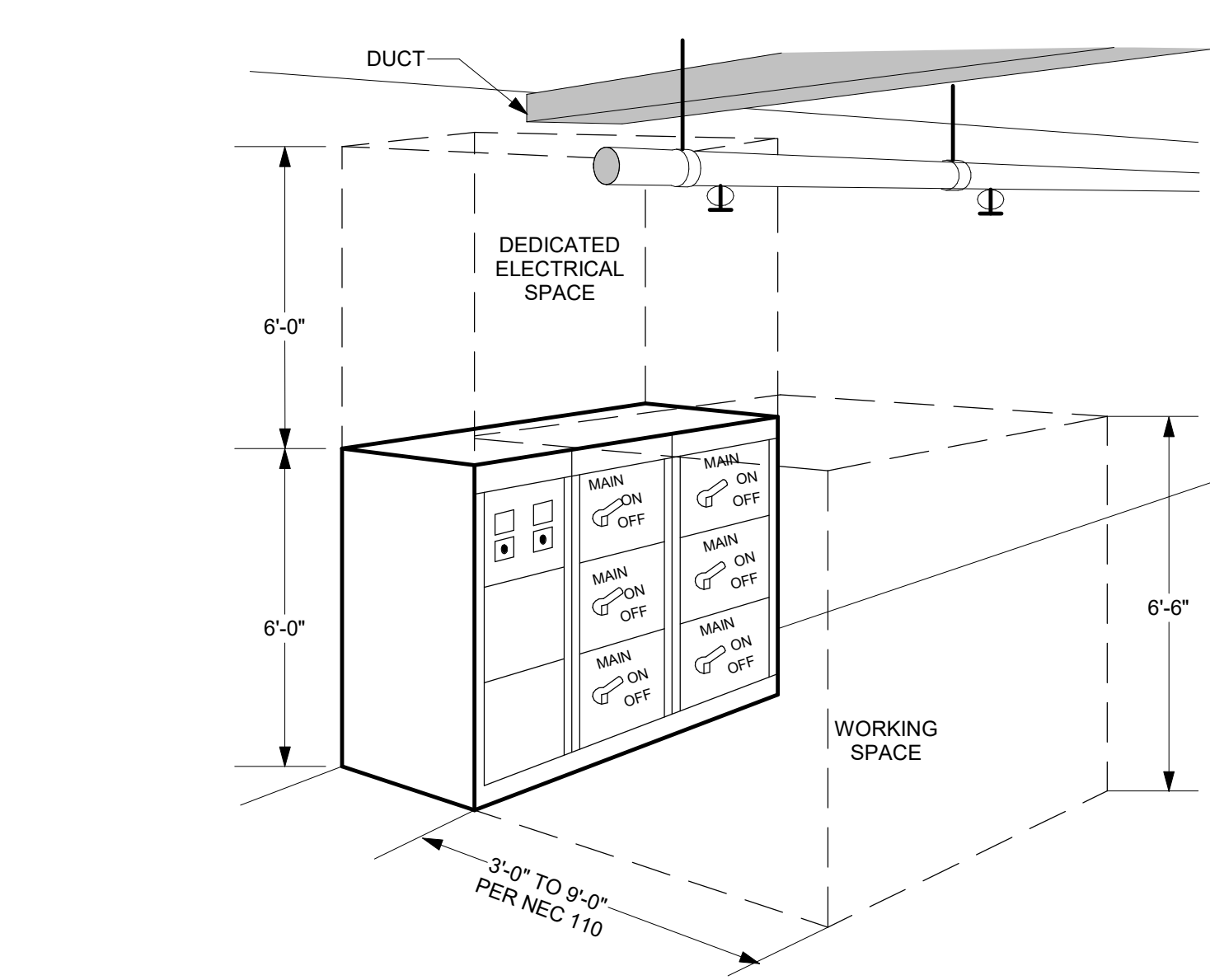
2 ADJUSTABLE PIPE SUPPORT DETAIL



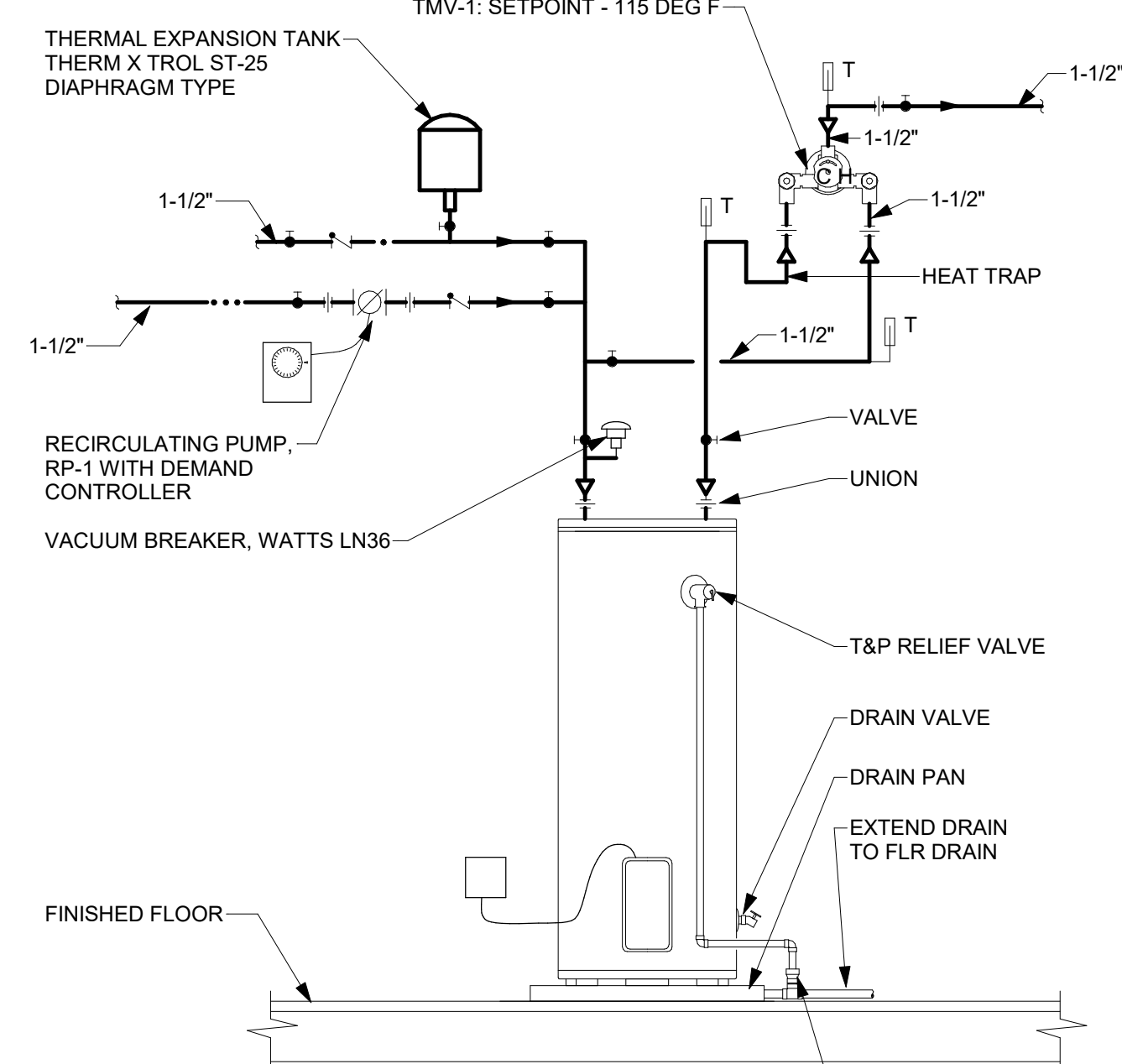
4 HYDROPNEUMATIC TANK DETAIL



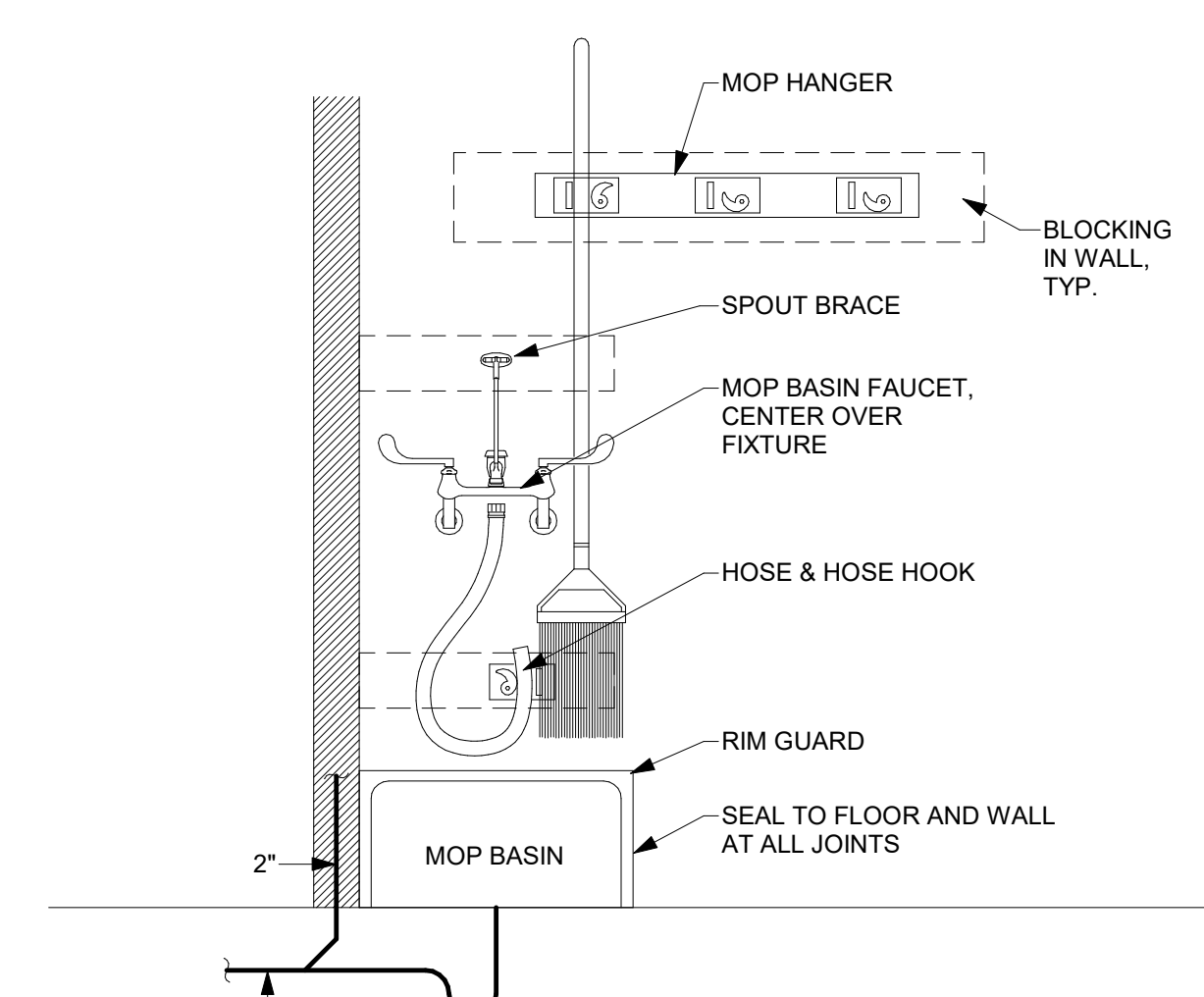
5 THERMAL EXPANSION TANK DETAIL



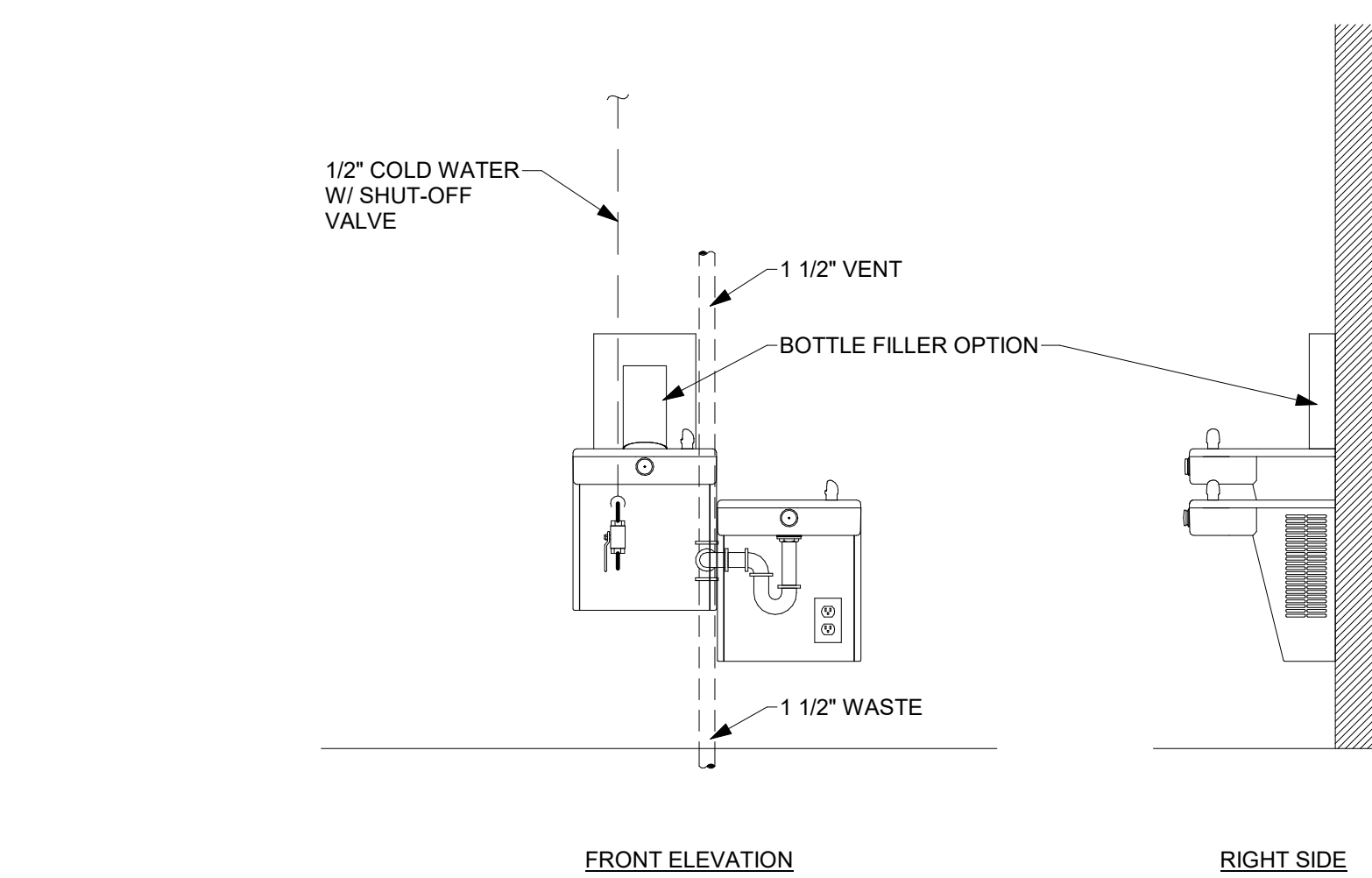
6 PIPING OVER ELECTRICAL EQUIPMENT DETAIL



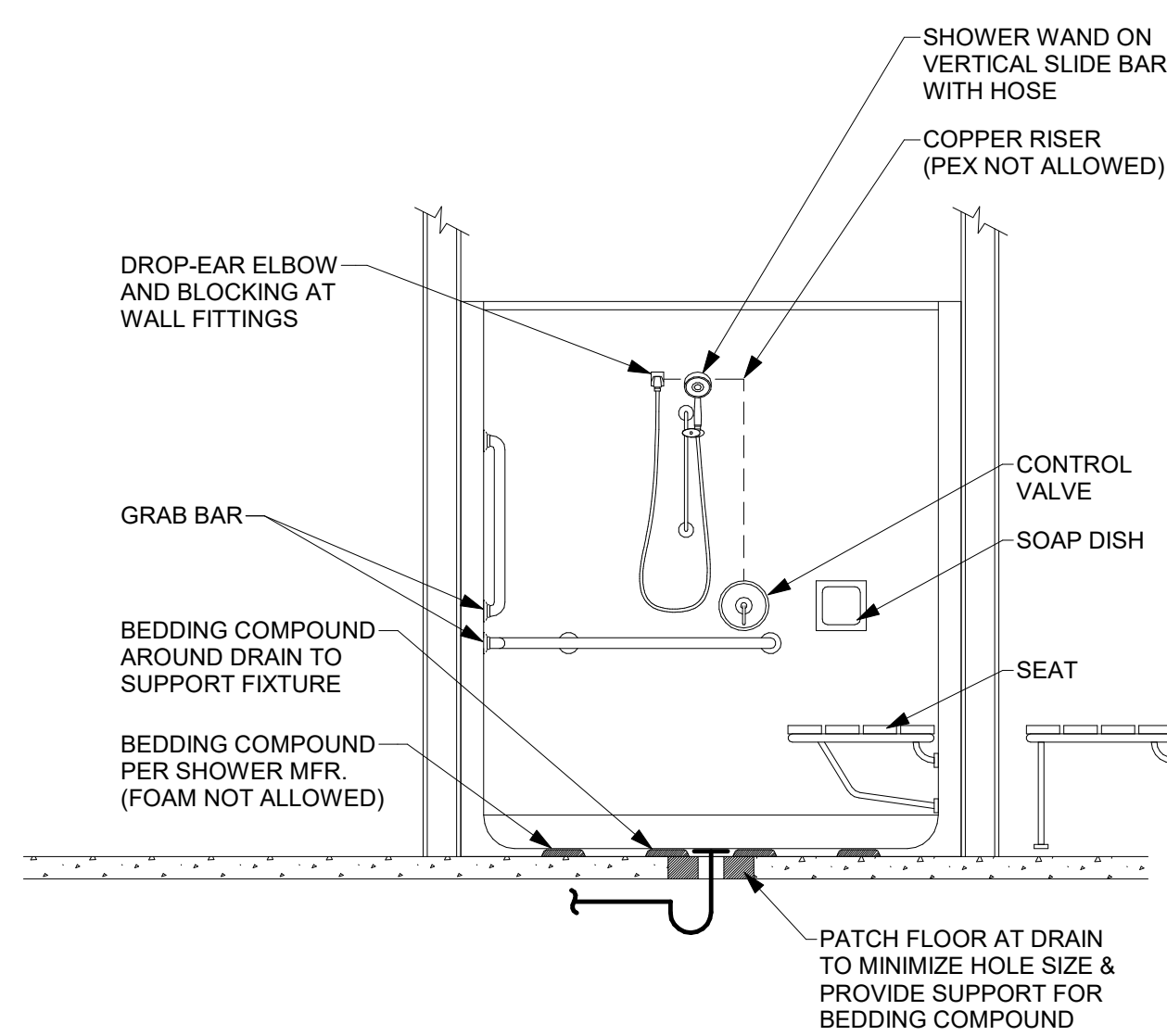
7 WATER HEATER DETAIL - ELECTRIC WITH MIXING VALVE



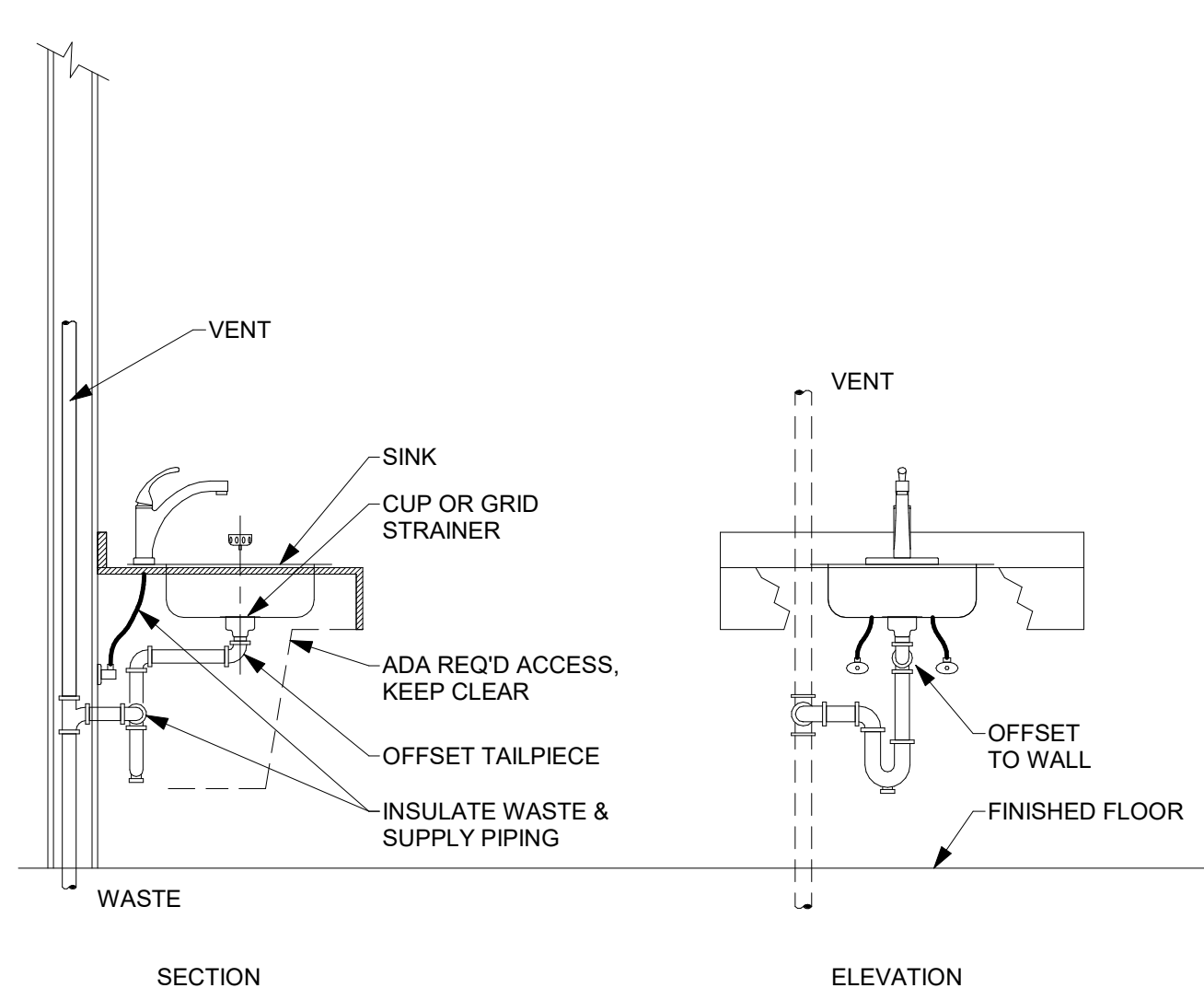
8 MOP BASIN DETAIL



9 BI-LEVEL WATER COOLER, ADA WITH BOTTLE FILLER - SURFACE MOUNTED



10 SHOWER INSTALLATION DETAIL - ADA TRANSFER WITH SEAT & BACKWALL HEAD



11 SINK INSTALLATION DETAILS - EXPOSED PIPING - ADA



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Drawing: DETAILS

Project: 23138 Date: 02/24/25

Drawn: CES Scale: AS NOTED

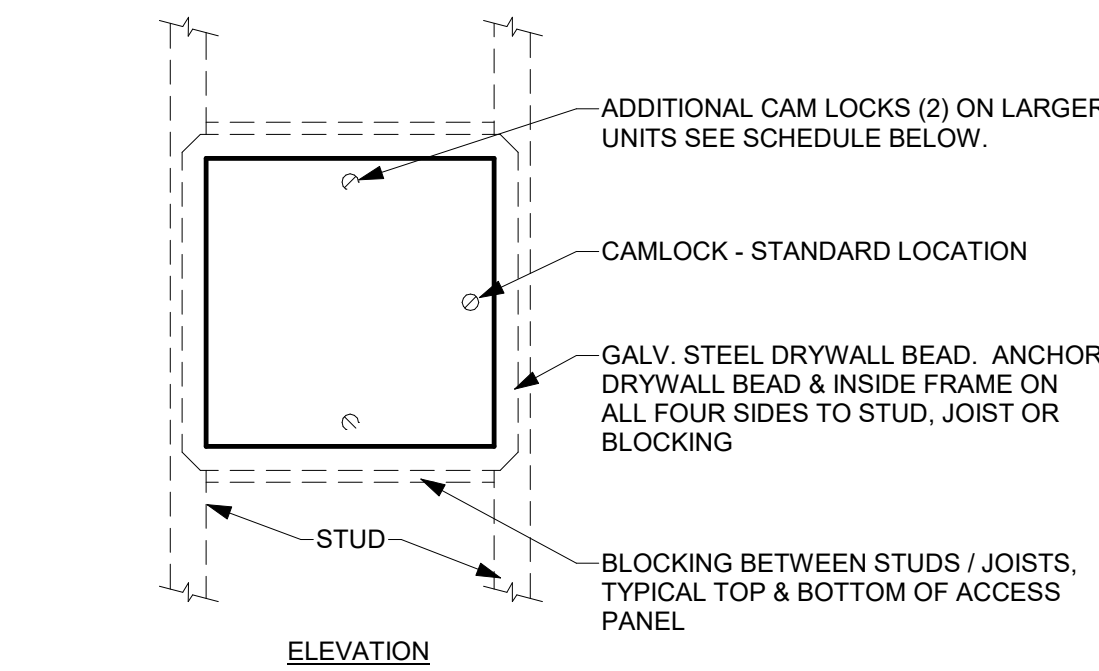
Drawing Number:

P-502



ACCESS PANELS - STANDARD SIZES			
DOOR SIZE	ROUGH OPENING SIZE	NO. OF CAMS	STUD SPACING
8 x 8	8 1/2 x 8 1/2	1	10" O.C.
10 x 10	10 1/2 x 10 1/2	1	12" O.C.
14 x 14	14 1/2 x 14 1/2	1	16" O.C.
22 x 22	22 1/2 x 22 1/2	3	24" O.C.
24 x 24	24 1/2 x 24 1/2	3	26" O.C.

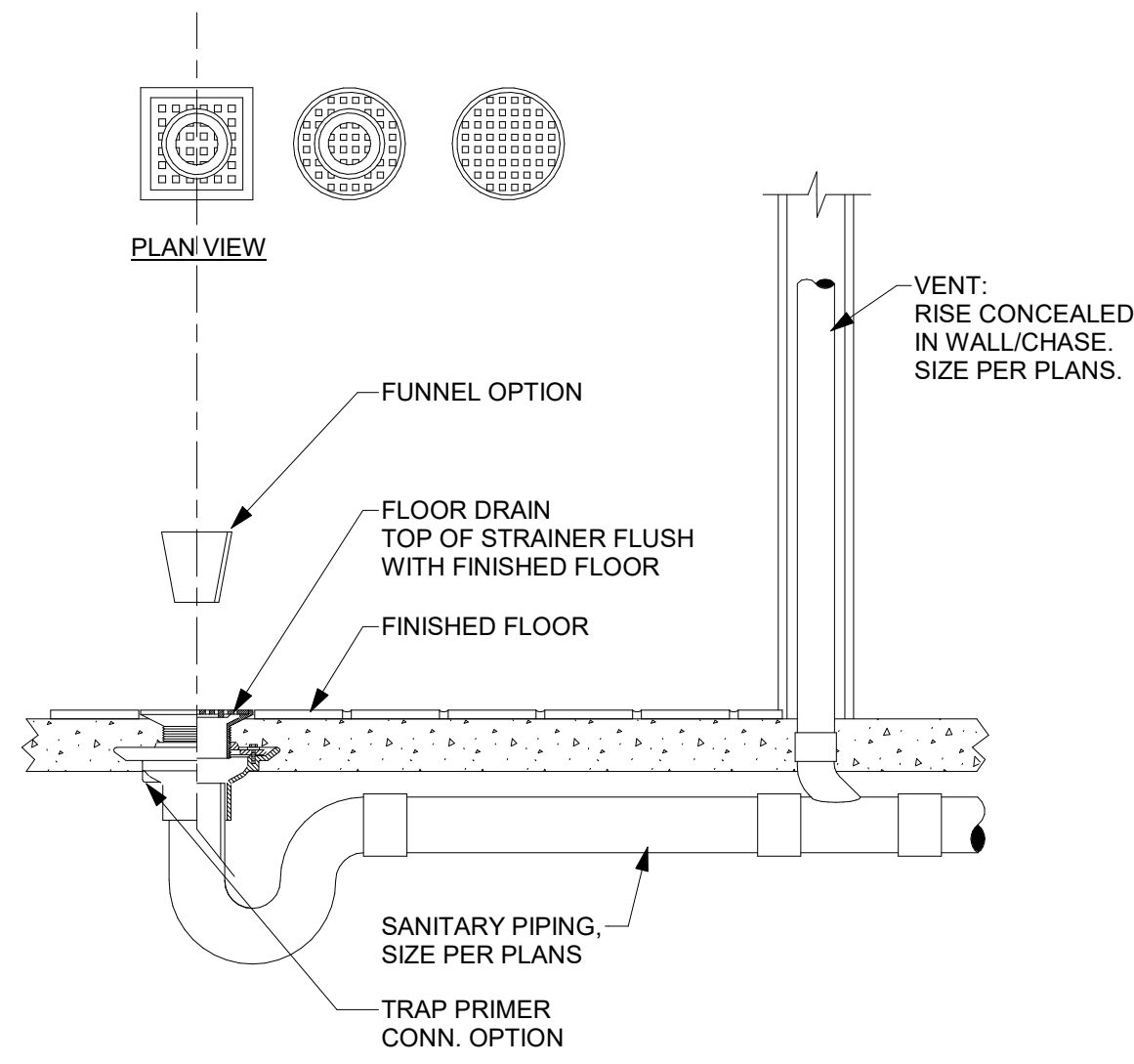
- NOTES:
- SIZES BASED ON MILCOR MODEL DW SERIES
  - ADD 2 INCHES TO DOOR SIZE FOR DIMENSIONS W/ PLASTER FLANGE
  - DOOR IS 16 GAUGE STEEL W/ POWDER COAT RIMMER



- DETAIL NOTES:
- ANCHOR PLASTER FLANGE AND INTERIOR FRAME TO STRUCTURE PER MFR
  - PROVIDE BLOCKING WHERE THERE IS NO STRUCTURAL MEMBER TO ANCHOR FLANGE OR INTERIOR FRAME
  - DESIGN BASIS:  
MILCOR - MODEL DW W/ PLASTER FRAME (SHOWN ABOVE)  
MILCOR - MODEL UFRAD FIRE RATED W/ TRIM FRAME (KEY LOCK OPTIONAL)

#### 1 ACCESS PANEL DETAIL - FLUSH WITH GYP BOARD WALL/CEILING

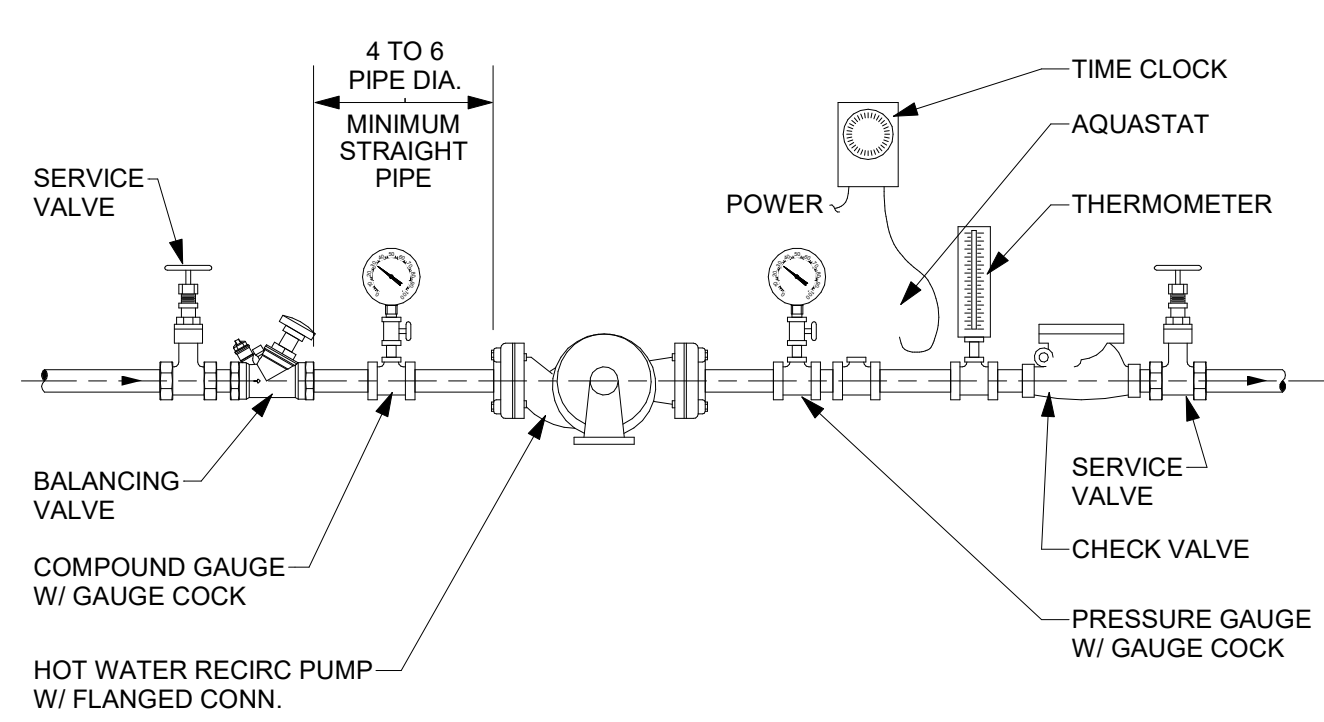
NOT TO SCALE



- DETAIL NOTES:
- PROVIDE TRAP GUARD FITTING.
  - SEE SPECIFICATIONS FOR:  
GRATE PATTERN - ROUND, SQUARE  
OPTIONS - FUNNEL, TRAP PRIMER CONNECTION
  - SEE ARCHITECTURAL PLANS FOR FLOOR FINISHES AND SLOPES
  - DESIGN BASIS: J.R. SMITH #2005, 2010  
ROUND OR SQUARE TOP, NICKEL BRONZE RIM AND ADJUSTABLE STRAINER

#### 2 FLOOR DRAIN DETAIL

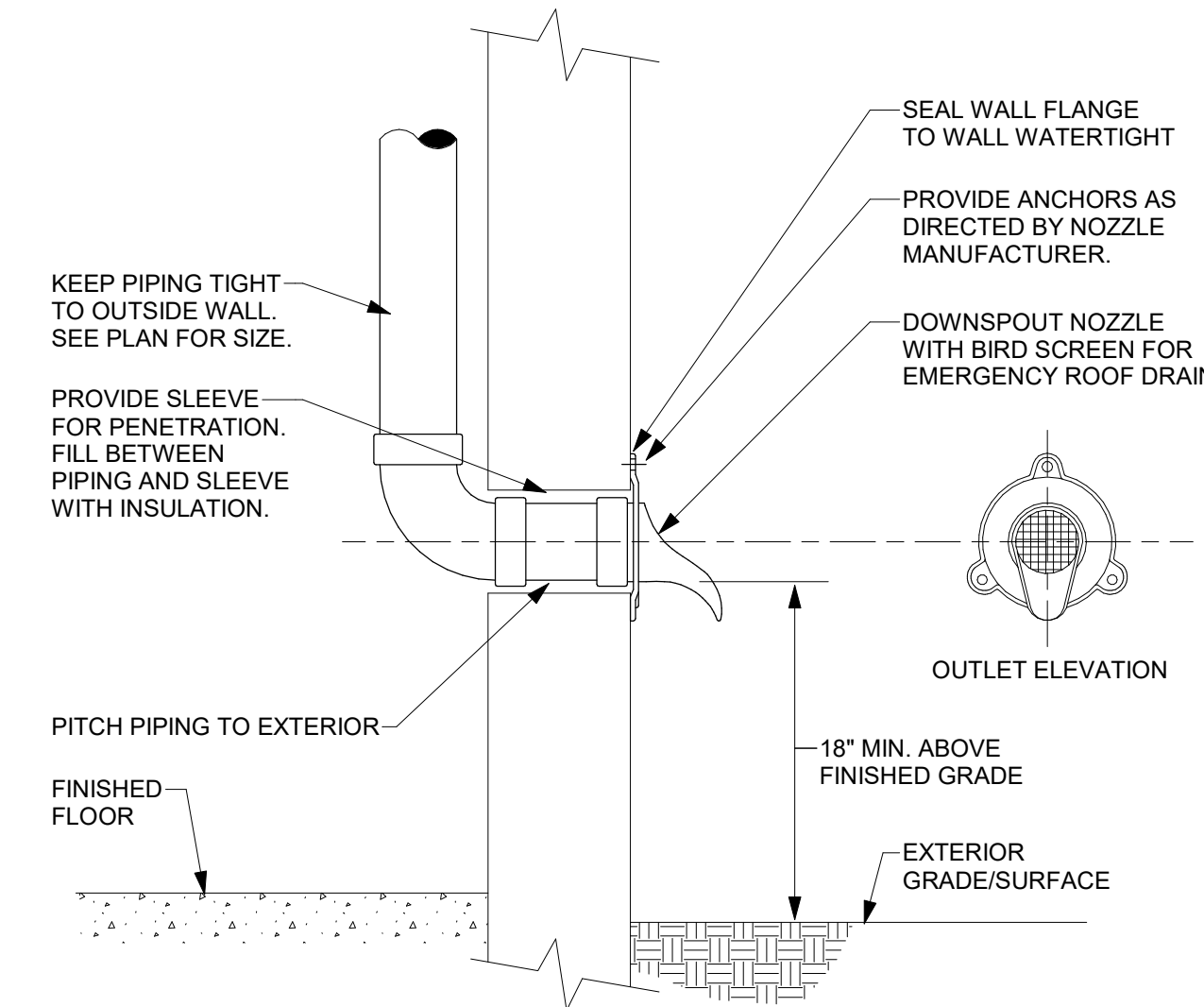
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- DETAIL NOTES:
- PRESSURE GAUGES - SELECT GAUGE RANGE TO PLACE MAXIMUM SYSTEM OPERATING PRESSURE IN MIDDLE ONE THIRD OF RANGE.
  - PROVIDE UNION ON PUMP INLET AND OUTLET IF PUMP IS NOT FLANGED.
  - PROVIDE TAPERED REDUCER AT PUMP INLET & OUTLET IF REQUIRED. DO NOT USE REDUCING FLANGES.
  - INSTALL PUMP WITH SHAFT HORIZONTAL. PIPING MAY BE INSTALLED VERTICAL OR HORIZONTAL DEPENDING ON SITE CONDITIONS.
  - INSTALL CHECK VALVE HORIZONTALLY, OR VERTICALLY WITH FLOW UPWARD.
  - BALANCING VALVE: SET FLOW TO MATCH PUMP DESIGN.

#### 3 HOT WATER RECIRCULATION PUMP DETAIL - HORIZONTAL

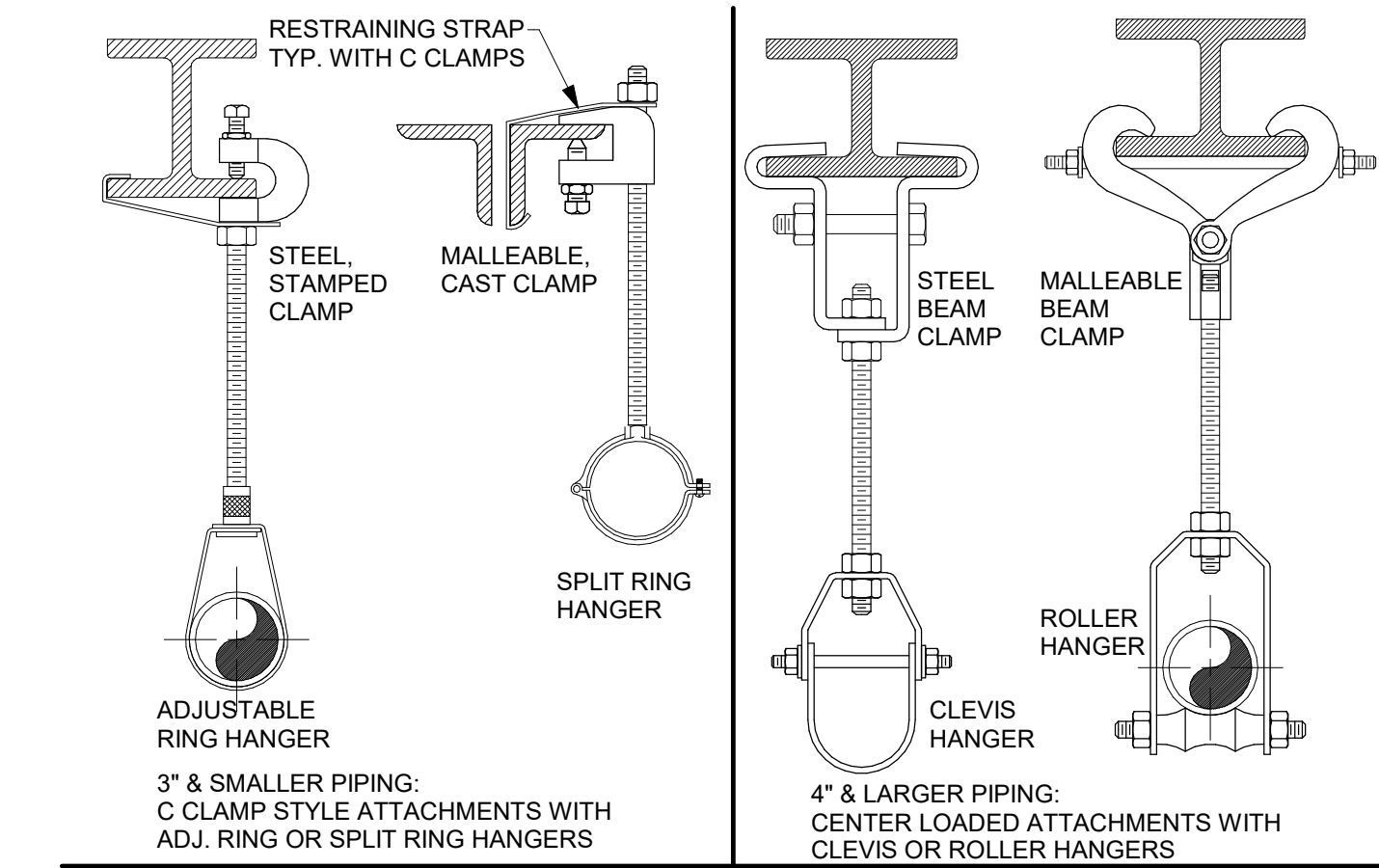
NOT TO SCALE



- DETAIL NOTES:
- OUTLET DESIGN BASIS:  
JAY R. SMITH #1770 OR ZURN #Z199 BOTH W/ BIRD SCREEN OPTION
  - CONFIRM FINAL LOCATION AND ELEVATION WITH ARCHITECT BEFORE STARTING INSTALLATION OF OUTLETS.

#### 4 SECONDARY ROOF DRAIN OUTLET DETAIL

NOT TO SCALE



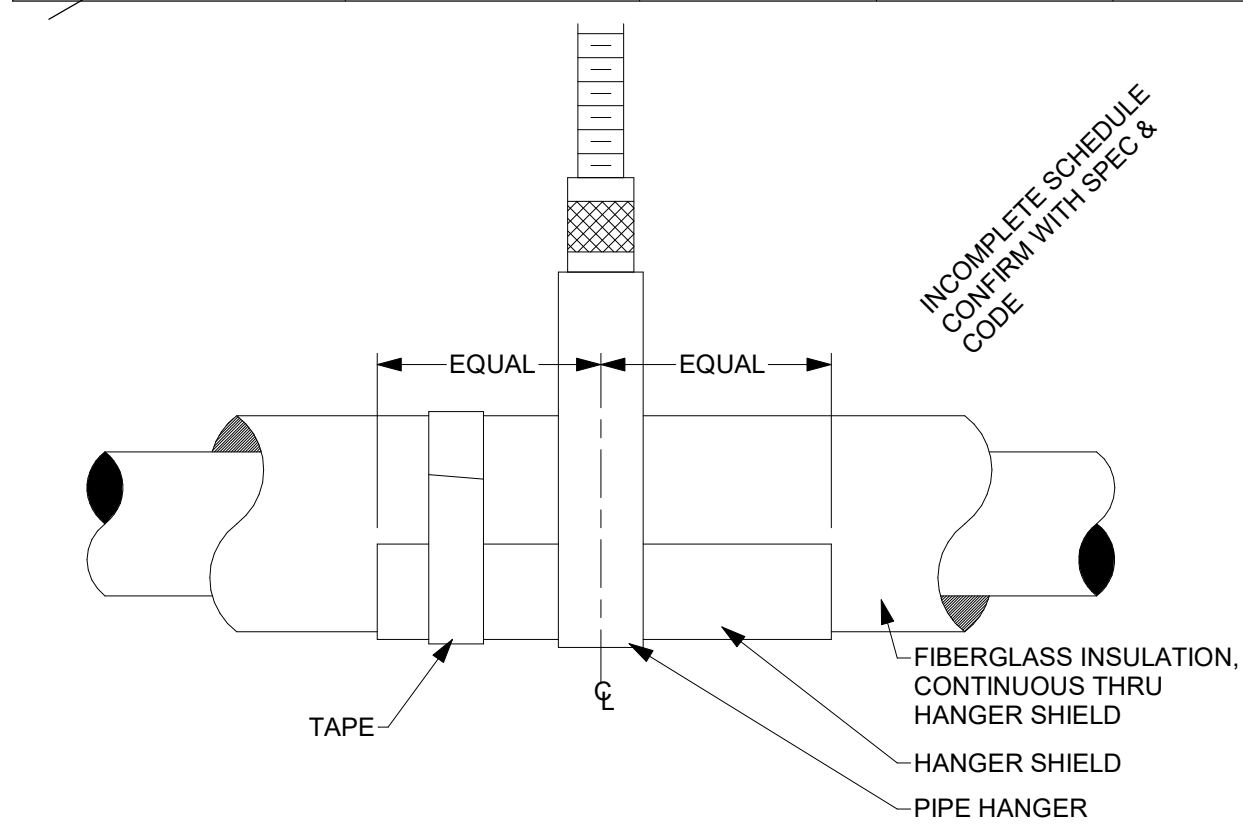
PIPE SIZE	SCHEDULE				ROD SIZE
	STEEL	COPPER	PLASTIC	CAST IRON	
3/4" TO 1"	8 FT.	6 FT.	3 FT.	EACH HORIZONTAL J.T. 5 FT. MAXIMUM SPACING	3/8 IN.
1 1/4" TO 2"	10 FT.	6 FT.	3 FT.		3/8 IN.
2 1/2" TO 4"	12 FT.	10 FT.	4 FT.		1/2 IN.
5" TO 6"	12 FT.	10 FT.	4 FT.		5/8 IN.
8"	12 FT.	10 FT.	4 FT.		3/4 IN.
OVER 8"	TO SUIT LOADING CONDITIONS				

- DETAIL NOTES:
- HORIZONTAL PIPING
  - SUPPORT WITHIN 18 INCHES OF EACH COUPLING JOINT FOR 10 FT. PIPE LENGTHS
  - SUPPORT AT 5 FT. INTERVALS FOR 5 FT. PIPE LENGTHS
  - 4 INCH AND LARGER PIPE - BRACE AT CHANGES IN DIRECTION TO PREVENT HORIZONTAL MOVEMENT
  - INSTALLATIONS REQUIRING MULTIPLE JOINTS WITHIN A FOUR FOOT DEVELOPED LENGTH SHALL BE SUPPORTED AT EVERY OTHER OR ALTERNATING COUPLINGS, FINISHES
  - TYPICAL - ELECTROPLATED ZINC OR CADMIUM FINISH
  - COPPER PIPING, UNINSULATED - COPPER PLATED OR PVC COATED
  - EXTERIOR & WET LOCATIONS, NOT DIPPED GALVANIZED HARDWARE & HANGERS

#### 5 PIPE HANGER AND SPACING DETAILS - STEEL STRUCTURE

NOT TO SCALE

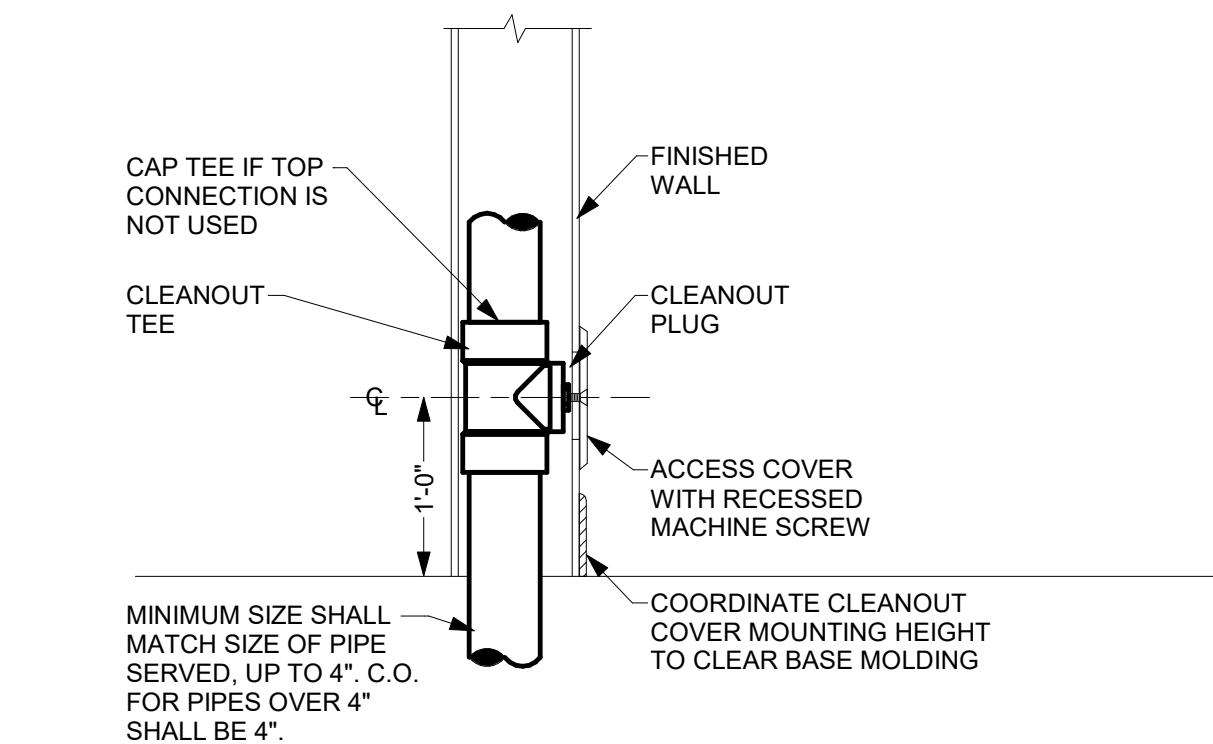
INSULATION SCHEDULE				
SERVICE	PIPE DESCRIPTION	MATERIAL	THICKNESS	NOTES
COLD WATER	3 IN. & SMALLER	GLASS FIBER	1/2 INCH	NOTE 1
COLD WATER	4 IN. & LARGER	GLASS FIBER	1 INCH	NOTE 1
HW	ALL SIZES	GLASS FIBER	1 INCH	NOTE 1
HWR	ALL SIZES	GLASS FIBER	1 INCH	NOTE 1
-	ALL SIZES	GLASS FIBER	1/2 INCH	-
-	ALL SIZES	GLASS FIBER	1 INCH	-



- DETAILS NOTES:
- PIPE HANGERS SHALL BE ON THE OUTSIDE OF THE HANGER SHIELDS
  - HANGER SHIELDS SHALL BE 16 GAUGE, GALVANIZED STEEL, 12" LONG x 120" ARC MINIMUM. CENTER SHIELD ON HANGER AND TAPE SHIELD TO INSULATION TO ANCHOR IN PLACE.
  - GLASS FIBER INSULATION - PREFORMED RIGID PIPE COVERING, 4 LB. NOMINAL DENSITY. MAX. THERMAL CONDUCTIVITY (K), OF 0.25 BTU/SQ. FT. HR. 33#64F/IN. AT 7533R64F MEAN TEMP. WHITE KRAFT OUTER BONDED TO ALUMINUM FOIL AND REINFORCED WITH FIBERGLASS YARN. SEAL ALL JOINTS & ENDS

#### 6 PIPE HANGER WITH INSULATED PIPING DETAIL - FIBERGLASS INSULATION

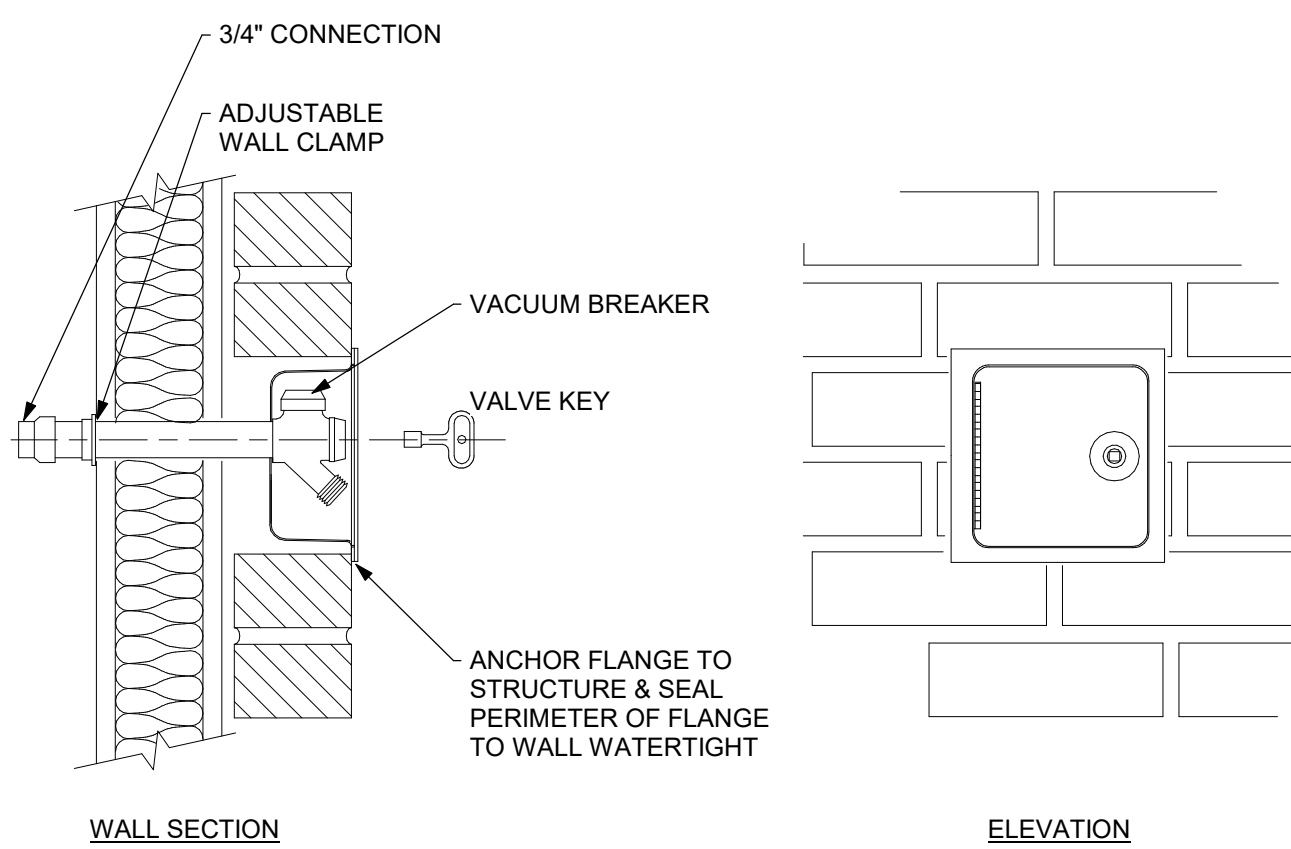
NOT TO SCALE



- DETAIL NOTES:
- ALL CLEANOUTS SHALL BE WALL PLATE TYPE AS SHOWN UNLESS NOTED OTHERWISE ON PLANS.
  - PROVIDE THICKENED WALL OR CHASE WHERE REQUIRED TO CONCEAL STACK / CONDUCTOR
  - APPROXIMATE CLEANOUT CENTERLINE SHOWN ABOVE.

#### 8 WALL CLEANOUT DETAIL

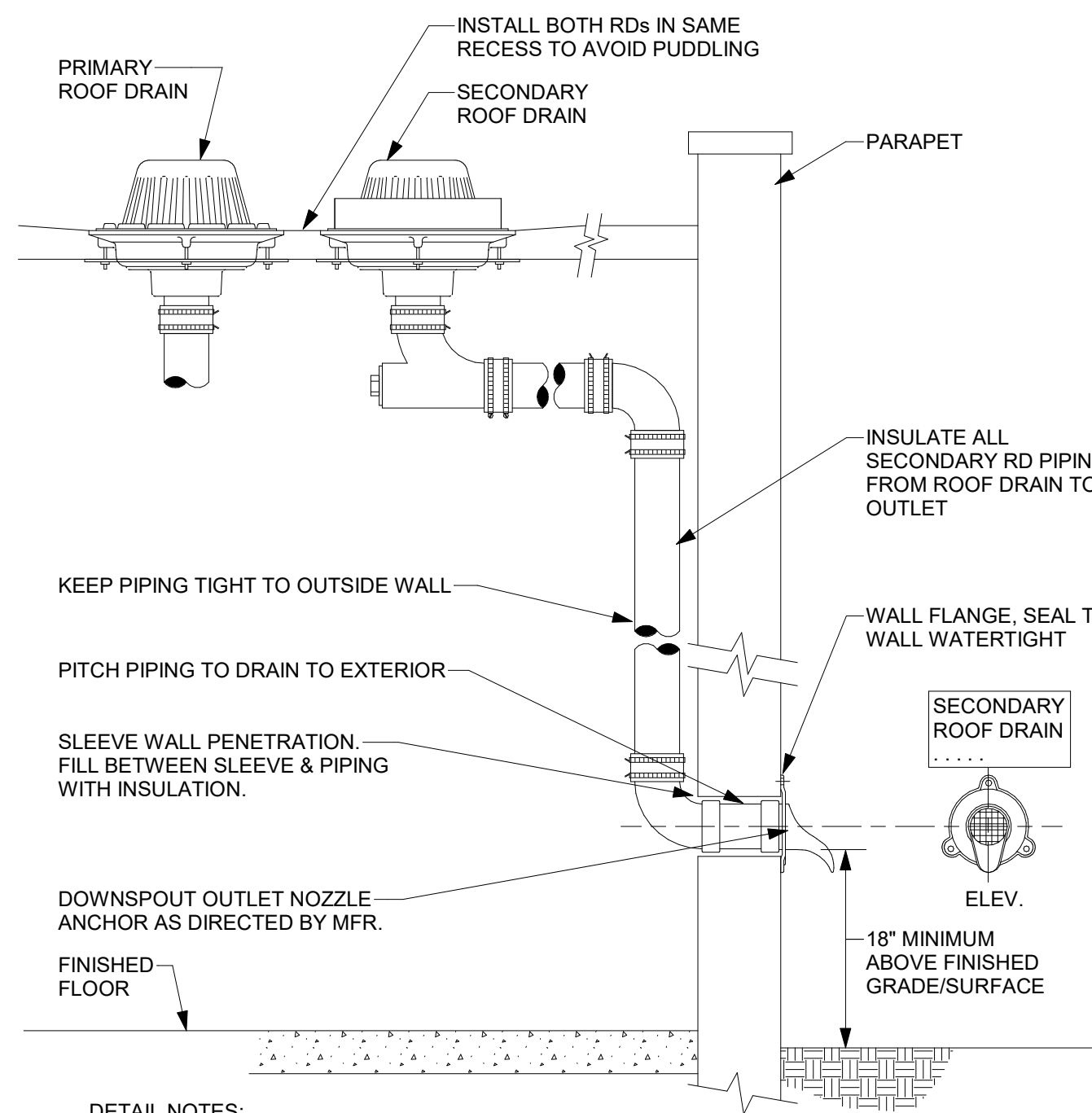
NOT TO SCALE



- DETAIL NOTES:
- KEYLESS FITTING SHOWN. PROVIDE KEYED OR KEYLESS PER SPECIFICATIONS.
  - SEE ARCHITECTURAL PLANS FOR WALL MATERIALS & THICKNESS. WALL HYDRANT CASING LENGTH TO MATCH WALL THICKNESS.
  - PIPE SIZE PER PLANS

#### 9 WALL HYDRANT DETAIL - RECESSED

NOT TO SCALE



- DETAIL NOTES:
- OUTLET DESIGN BASIS:  
JAY R. SMITH #1770, JOSAM 25010 OR ZURN #Z199 BOTH W/ BIRD SCREEN OPTION
  - CONFIRM FINAL LOCATION AND ELEVATION WITH ARCHITECT BEFORE STARTING INSTALLATION OF OUTLETS.
  - PROVIDE ENGRAVED SIGN OVER SECONDARY DRAIN OUTLET: "SECONDARY ROOF DRAIN, CONTACT BLDG MAINTENANCE IF WATER IS FLOWING FROM THIS OUTLET"

#### 7 SECONDARY ROOF DRAINAGE SYSTEM DETAIL

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KEY PLAN

PROJECT AREA

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Drawing: **DETAILS**



Project: 23138 Date: 02/24/25

Drawn: CES Scale: AS NOTED

Drawing Number:

P-503



Diagram illustrating the gas service connection to an emergency generator. The connection starts from the "GAS SERVICE BY UTILITY" (indicated by a cross-hatched area), passes through a "VALVE" and a "PRESSURE REGULATOR REG-1, UTILITY PROVIDED". The gas then flows through a "GAS METER" and a "VALVE SIGN, TYPICAL 2". The main gas line is labeled "ONE SIZE LARGER THAN UNDERGROUND PIPE x 6'-0\" min. GAS BUFFER FOR REG." and has a diameter of "2\". This line connects to the "EMERGENCY GENERATOR BY OTHERS". The connection to the generator is made via a "DIRT LEG", a "UNION", and a "FLEX CONN." (flexible connection). The generator is shown as a large rectangular unit with a "DIRT LEG" extending down to a gravel base.

- A. P.C. SHALL PAINT ALL EXPOSED P.C. INSTALLED PIPING. COLOR TO BE SELECTED BY ARCHITECT.
- B. PROVIDE BOLLARDS WHERE REQUIRED.
- C. UNDERGROUND PIPING MATERIALS:  
PE2406 POLYETHYLENE, YELLOW - NYSEG, NATIONAL FUEL, CON ED  
PE3408 POLYETHYLENE, BLACK W/ YELLOW STRIPE - NIMO, RG&E, CON ED  
COATED STEEL PIPE, OVER 12".
- D. REGULATORS SHALL BE INSTALLED WITH VENT MORE THAN 18" ABOVE FINISHED GRADE.

E. TRACER WIRE - 10 AWG, SLD, THIN YELLOW INSULATION. WIRE SHALL BE CONTINUOUS, SOLDERED OR CRIMPED JOINTS ONLY. WIRE NUTS ARE NOT ALLOWED. A SEPARATE TRACER WIRE IS NOT REQUIRED WHERE PROVIDED AS PART OF LOCATOR TAPE.

F. PROVIDE SIGNS ON VALVES AT METER: "EMERGENCY GENERATOR GAS SUPPLY VALVE" & "MAIN BUILDING GAS VALVE - SEPARATE VALVE FOR EMERGENCY GENERATOR"

G. WALL PENETRATIONS:  
NON-MASONRY WALL: PROVIDE COATING OR WRAP ON PIPING AT WALL. PENETRATION TO PREVENT CORROSION AND SEAL TO WALL TIGHTWRIGHT.  
MASONRY WALL: PROVIDE NON-METALLIC PIPE THROUGH MASONRY WALL & SEAL TO WALL TIGHTWRIGHT. FILL SPACE BETWEEN SLEEVE AND PIPE.

NOT TO SCALE



NOT TO SCALE



A. BASIS OF DESIGN:  
WATER TITE MULTIBOX, MODEL MBS1200LV2 WITH SOLID COVER  
PLATE

3 NOT TO SCALE

9.504





# LOCATION PLAN

1 INCH = 2000 FEET

## SURVEY NOTES:

- THIS SURVEY IS SUBJECT TO ANY FINDINGS OF A TITLE SEARCH.
- SUBSURFACE STRUCTURES AND UTILITIES NOT VISIBLE AT THE TIME OF SURVEY HAVE NOT BEEN SHOWN.
- REFERENCE:  
MAP ENTITLED "SUBDIVISION FOR OSRAM SYLVANIA, INC., TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK," DATED JUNE 17, 1994, LAST REVISED AUGUST 3, 1994 AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON AUGUST 29, 1994, AS FILED MAP NO. 138-94.
- CONTOURS SHOWN ARE BASED ON AN ACTUAL FIELD SURVEY COMPLETED BY LANC AND TULLY ENGINEERING AND SURVEYING P.C. ELEVATIONS SHOWN ARE BASED ON NAVD88 DATUM.
- WETLAND FLAGS SHOWN AS DELINEATED BY ECOLOGICAL ANALYSIS, LLC ON DECEMBER 30, 2023 AND FIELD LOCATED BY LANC & TULLY ENGINEERING AND SURVEYING, P.C. ON JANUARY 4, 2024. THE SITE WETLAND IS CONNECTED TO A DEFINED WATER BODY (THE ONSITE UNNAMED STREAM AND NYSDC STREAM 855.5-146) THAT IS PART OF A WOTUS TRIBUTARY SYSTEM (THE WALKILL RIVER AND RONDOUT CREEK). WETLANDS, STREAMS, CREEKS, AND RIVERS SUCH AS THESE THAT ARE HYDROLOGICALLY CONNECTED TO NAVIGABLE WATERWAYS ELEMENTS OF WOTUS) ARE SUBJECT TO THE REGULATORY JURISDICTION OF THE ACOE PER THE PROVISIONS OF SECTION 404 OF THE CLEAN WATER ACT. PRIOR TO ANY DISTURBANCE OF ANY PORTION OF THIS WETLAND OF ITS INCLUDED WATERCOURSE A PERMIT, OR PERMITS, WOULD NEED TO BE SOUGHT FROM THE NEW YORK CITY OFFICE OF THE ACOE. THE WETLAND AREA OF THIS PROPERTY IS PART OF NYSDC FRESHWATER WETLAND WD-29. THIS STATE WETLAND, AND THE LAND WITHIN THE 100' BUFFER FROM THE ACTUAL SURVEYED WETLAND LINE, WOULD BE WITHIN THE JURISDICTION OF THE NYSDC. PRIOR TO ANY DISTURBANCE OF ANY PORTION OF THIS WETLAND OR ITS BUFFER AREAS, A PERMIT, OR PERMITS, WOULD NEED TO BE SOUGHT. NYSDC FRESHWATER WETLAND BOUNDARY WAS VALIDATED ON FEBRUARY 9, 2024 BY THE NYSDC.
- THE PORTION OF THE SITE WITHIN THE AREA OF TOPOGRAPHY SHOWN HEREON WAS FIELD UPDATED ON JANUARY 4, 2024.

## GENERAL NOTES:

- EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM UTILITY MARKOUT BY RESPECTIVE UTILITY COMPANIES, ALONG WITH VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION, WHERE EXISTING UTILITIES ARE CROSSED BY PROPOSED CONSTRUCTIONS, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ASCERTAIN EXISTING INVERTS, MATERIALS, AND SIZES. TEST PIT INFORMATION SHALL BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION TO PERMIT ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS. THE CONTRACTOR SHALL NOTIFY THE UNDERSIGNED PROFESSIONAL IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED HEREON. SUCH CONDITIONS COULD RENDER THE DESIGNS HEREON INAPPROPRIATE, OR INEFFECTIVE.
- THIS SET OF PLANS DOES NOT DEPICT ENVIRONMENTAL CONDITIONS OR A CERTIFICATION/WARRANTY REGARDING THE PRESENCE OR ABSENCE OF ENVIRONMENTALLY IMPACTED SITE CONDITIONS. LANC & TULLY HAS PERFORMED NO EXPLORATORY OR TESTING SERVICES. INTERPRETATIONS, CONCLUSIONS OR OTHER SITE ENVIRONMENTAL SERVICES RELATED TO THE DETERMINATION OF THE POTENTIAL FOR CHEMICAL, TOXIC, RADIOACTIVE OR OTHER TYPE OF CONTAMINANTS AFFECTING THE PROPERTY AND THE UNDERSIGNED PROFESSIONAL IS NOT QUALIFIED TO DETERMINE THE EXISTENCE OF SAME. SHOULD ENVIRONMENTAL CONTAMINATION OR WASTE BE DISCOVERED, THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LAWS AND REGULATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROJECT SAFETY, INCLUDING PROVISION OF ALL APPROPRIATE SAFETY DEVICES AND TRAINING REQUIRED.
- LANC & TULLY ENGINEERING AND SURVEYING, P.C. WILL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS, CONSTRUCTION MEANS AND/OR METHODS, COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. LANC & TULLY ENGINEERING AND SURVEYING, P.C. SHOP DRAWING REVIEW WILL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT LANC & TULLY ENGINEERING AND SURVEYING, P.C. HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. LANC & TULLY ENGINEERING AND SURVEYING, P.C. WILL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT BROUGHT TO ITS ATTENTION, IN WRITING, BY THE CONTRACTOR. LANC & TULLY ENGINEERING AND SURVEYING, P.C. WILL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OF CORRELATED ITEMS NOT RECEIVED.
- NEITHER THE PROFESSIONAL ACTIVITIES OF LANC & TULLY ENGINEERING AND SURVEYING, P.C., NOR THE PRESENCE OF LANC & TULLY ENGINEERING AND SURVEYING, P.C. OR ITS EMPLOYEES AND SUB-CONSULTANTS AT A CONSTRUCTION/PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF HIS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH AND SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. LANC & TULLY ENGINEERING AND SURVEYING, P.C. AND ITS PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. LANC & TULLY ENGINEERING AND SURVEYING, P.C. SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND SHALL BE NAMED AN ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE.
- IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE DESIGN ENGINEER AND LOCAL BUILDING DEPARTMENT AND/OR MUNICIPAL ENGINEER FOR SUCH DEVIATIONS, CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK DONE WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE OWNER, ENGINEER, AND MUNICIPALITY HARMLESS FROM ALL SUCH COSTS RELATED TO SAME.
- ALL AREAS OF FILL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR, AND SHALL BE PLACED IN LIFTS NOT GREATER THAN 12 INCHES.
- THESE GENERAL NOTES APPLY TO ALL SHEETS ON THIS SET.

## RECORD OWNER:

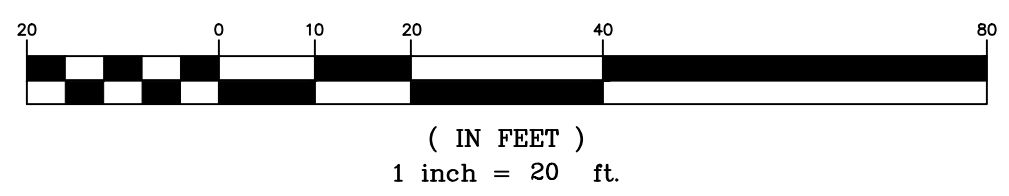
TOWN OF MONTGOMERY  
110 BRACKEN ROAD  
MONTGOMERY, NY 12549

L. 4113 P. 305  
L. 4728 P. 64  
30 - 1 - 87

FM LOT  
MAP NO. 138-94

AREA:  
11.496± AC.

GRAPHIC SCALE



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P.O. Box 687, Rt. 207  
Goshen, N.Y. 10924  
(845) 294-3700

EXISTING CONDITIONS AND DEMOLITION  
PLAN PREPARED FOR

**NEW POLICE FACILITY  
(TOWN OF MONTGOMERY)**

TOWN OF MONTGOMERY  
ORANGE COUNTY, NEW YORK

Drawn By: PLS Checked By: Scale: 1" = 20' Tax Map No.: 30-1-87 Drawing No.: C30

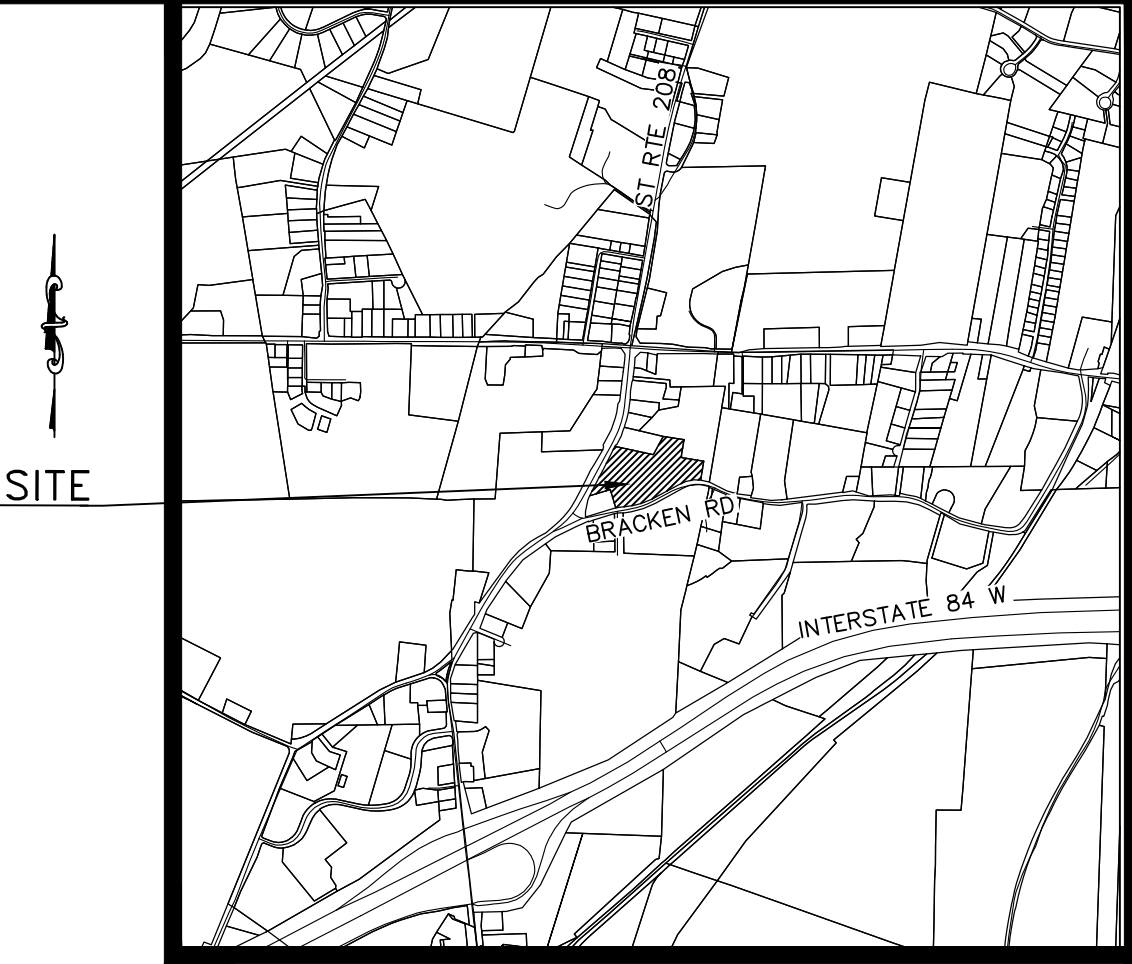
18 - 2309 - 01

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LOCATION PLAN  
1 INCH = 2000 FEET

LEGEND:

PROPOSED GRASS	
PROPOSED CONCRETE	
PROPOSED PAVEMENT	
PROPERTY LINE	
ADJOINING PROPERTY LINE	
EXISTING EDGE OF PAVEMENT/CURB	
PROPOSED LOT LINE//RIGHT OF WAY	
PROPOSED EDGE OF PAVEMENT AND CURB	
PROPOSED DRIVEWAY	
PROPOSED MAJOR CONTOUR	
PROPOSED MINOR CONTOUR	
PROPOSED SANITARY SEWER	
PROPOSED DRAINAGE	
EXISTING WATER	
EXISTING SEWER	
EXISTING GAS	
EXISTING COMMUNICATION LINE	
EXISTING ELECTRIC	
UNKNOWN MARKOUT	
EXISTING LIGHTING POLES	

RECORD OWNER:

TOWN OF MONTGOMERY  
110 BRACKEN ROAD  
MONTGOMERY, NY 12549

L. 4113 P. 305  
L. 4728 P. 64  
30 - 1 - 87  
FM LOT  
MAP NO. 138-94

AREA:  
11.496± AC.

GRAPHIC SCALE



( IN FEET )  
1 inch = 20 ft.

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SITE PLAN PREPARED FOR

**NEW POLICE FACILITY  
(TOWN OF MONTGOMERY)**

TOWN OF MONTGOMERY  
ORANGE COUNTY, NEW YORK

Drawn By: PLS Checked By: Scale: 1" = 20' Tax Map No.: 30-1-87 Drawing No.: C30 A- 18 - 2309 - 01

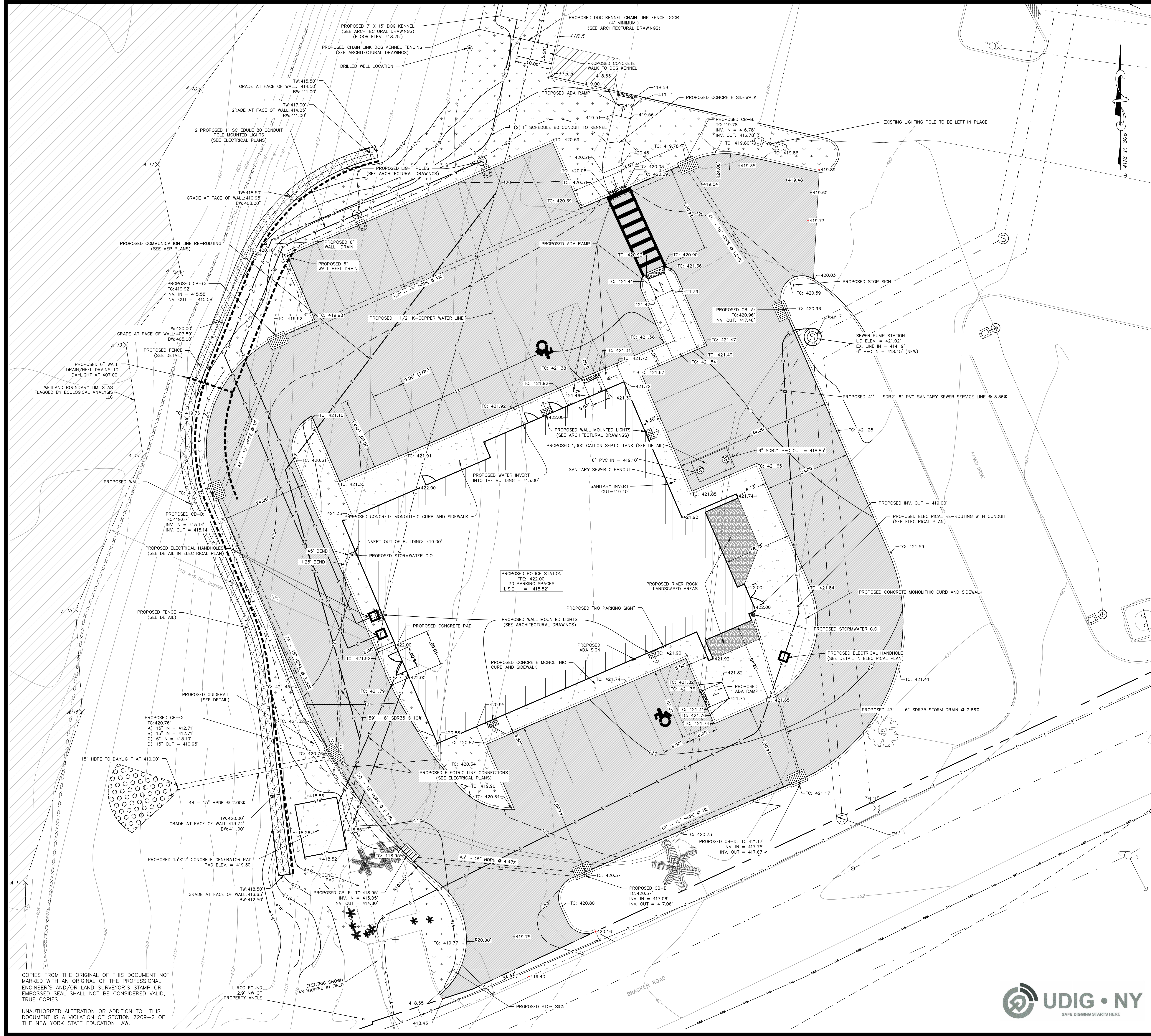


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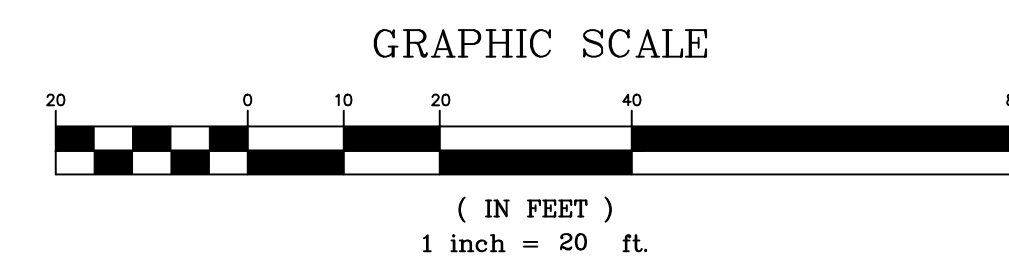
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- NOTES:
1. ALL ELEVATIONS AT THE BUILDING REPRESENT GRADING AGAINST BUILDING.
  2. ALL AREAS OF FILL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR, AND SHALL BE PLACED IN LIFTS NOT GREATER THAN 12 INCHES.
  3. SEE PLANS PREPARED BY KEVIN PATTON, P.E. TITLED "RETAINING WALL FOR NEW POLICE FACILITY" DATED JANUARY 6, 2025 FOR RETAINING WALL DESIGNED LAYOUT, DETAILS, AND INSTALLATION REQUIREMENTS.



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GRADING AND UTILITY PLAN PREPARED FOR

**NEW POLICE FACILITY  
(TOWN OF MONTGOMERY)**

TOWN OF MONTGOMERY  
ORANGE COUNTY, NEW YORK



Drawn By:	Checked By:	Scale:	Tax Map No.:	Drawing No.:
POLS		1" = 10'	30-1-87	A- 18 - 2309 - 01

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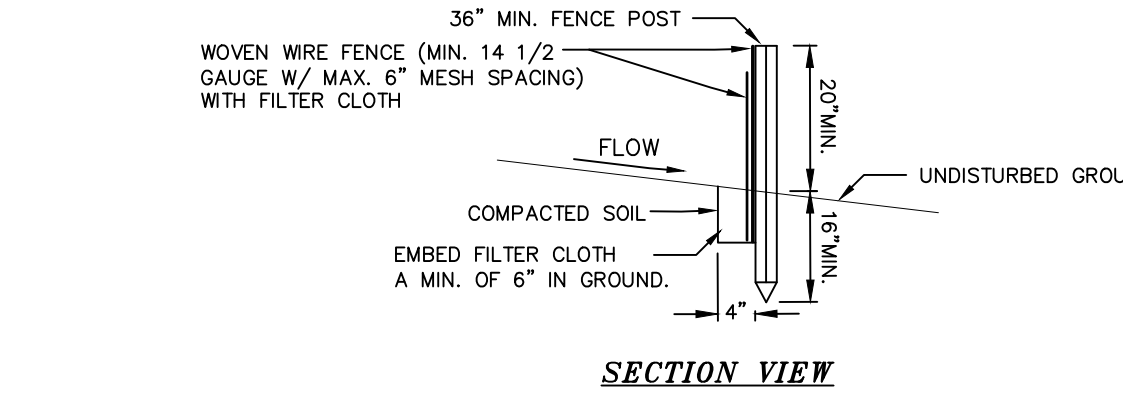
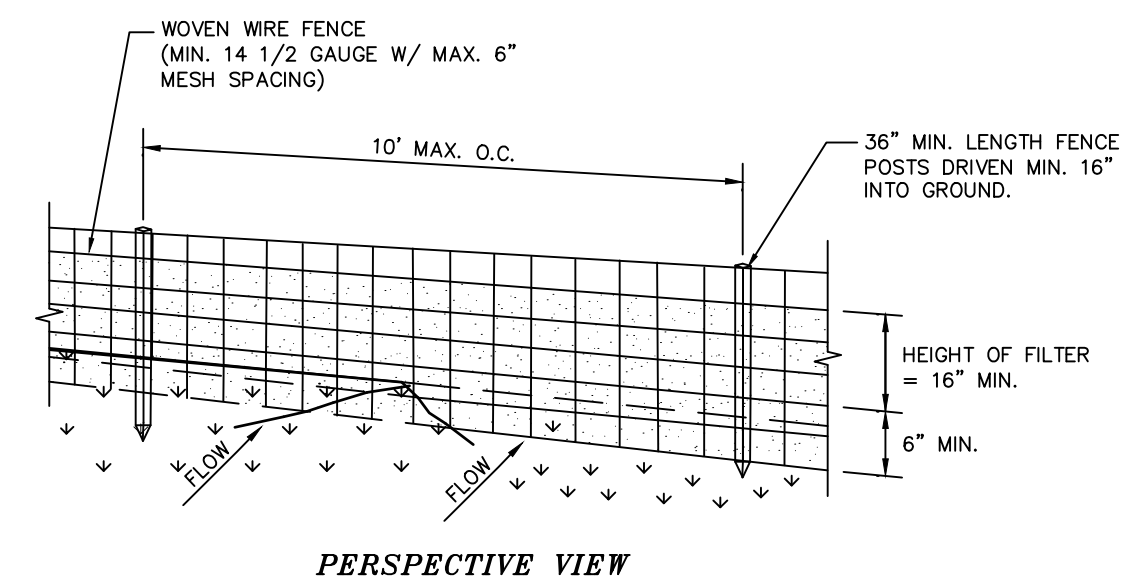
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## LEGEND:

- CONCRETE WASHOUT AREA
- PROPOSED SILT FENCE
- PROPOSED INLET PROTECTION
- PROPOSED CONSTRUCTION ENTRANCE

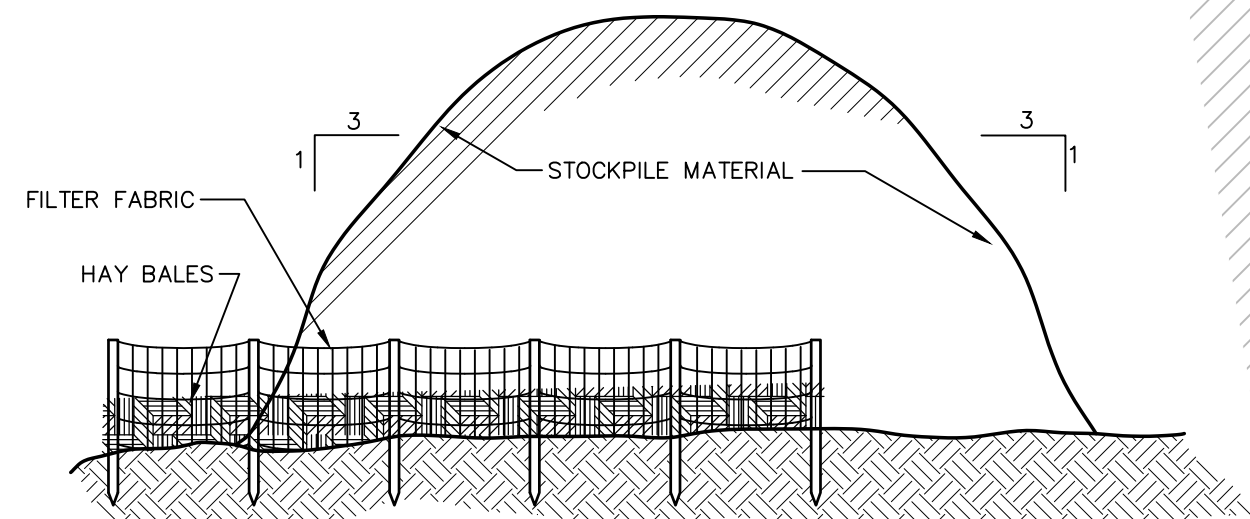


## CONSTRUCTION SPECIFICATIONS

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "I" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILUNA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOTAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

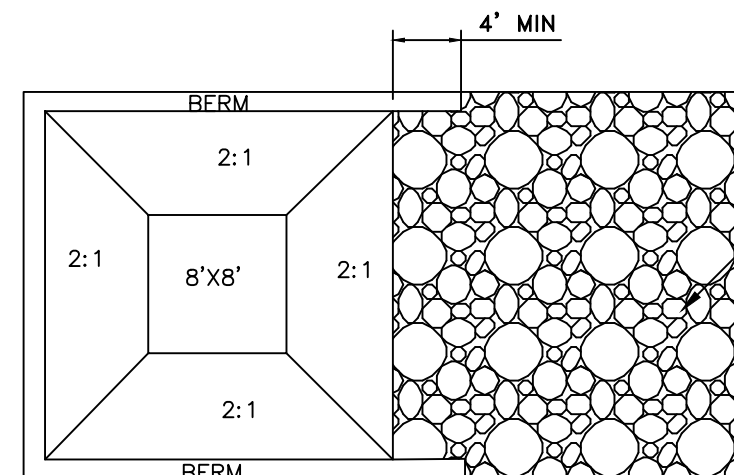
## SILTATION FENCE

NOT TO SCALE



## CONCRETE WASHOUT AREA DETAIL

NOT TO SCALE



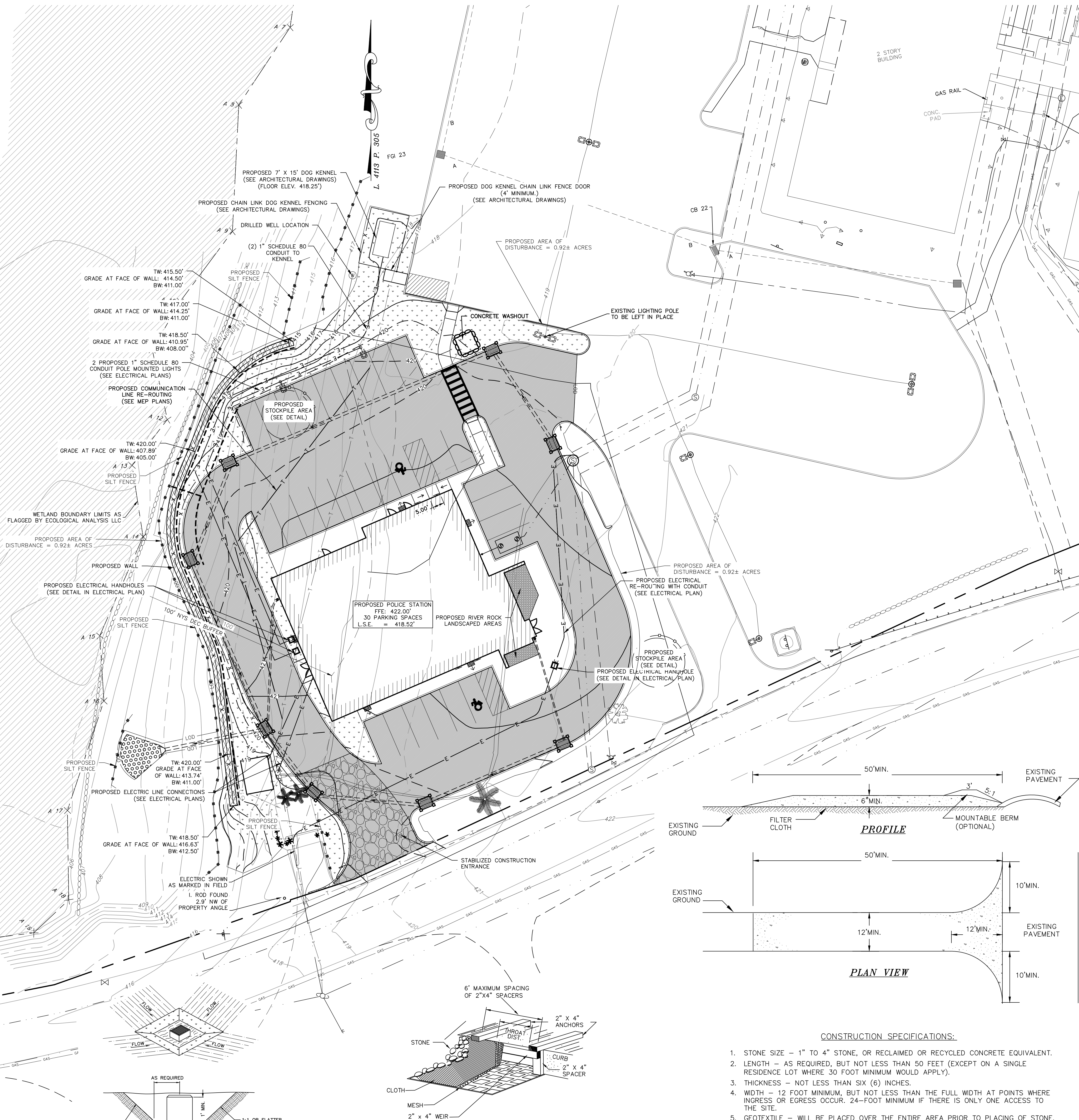
- NOTES:
- THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
  - THE CONCRETE WASHOUT AREA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8'X8' SLOPES LEADING OUT IF THE SUBSURFACE PIT SHALL BE 2:1 OR FLATTER. THE PIT SHALL BE AT LEAST 2' DEEP.
  - BERM SURROUNDING SIDES AND BACK OF THE CONCRETE WASHOUT AREA SHALL HAVE MINIMUM OF 1'.
  - VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CONCRETE WASHOUT AREA.
  - USE EXCAVATED MATERIAL FOR PERIMETER CONSTRUCTION.
  - CONCRETE WASHOUT SHALL BE LINED WITH A PLASTIC SHEETING LINER WITH A MINIMUM THICKNESS OF 10 MILS AS SPECIFIED BY N.Y.S.D.E.C.
  - CONCRETE WASHOUT TO HAVE A MINIMUM SEPARATION OF 100' FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS, AND OTHER SURFACE WATERS.

## CONCRETE WASHOUT AREA DETAIL

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## CATCH BASIN SEDIMENT TRAP

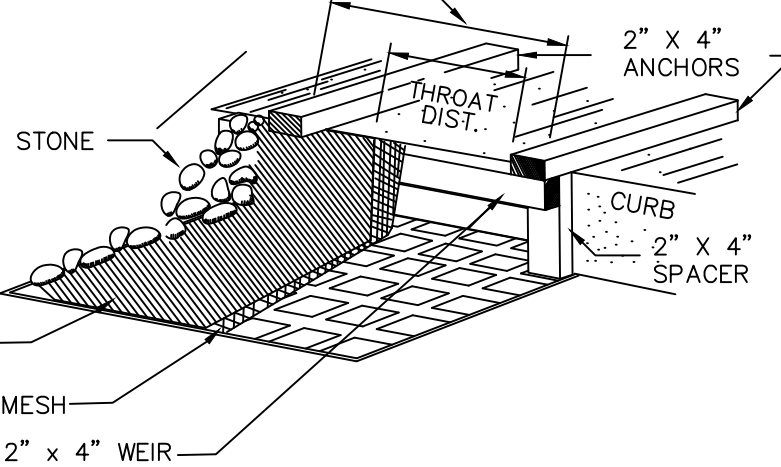
NOT TO SCALE

## CONSTRUCTION SPECIFICATION FOR ST-111

- SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- THE VOLUME OF SEDIMENT STORAGE SHALL BE 3600 CUBIC FEET PER ACRE OF CONTRIBUTORY DRAINAGE. THE MAXIMUM DRAINAGE AREA IS 3 ACRES.
- THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
- THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE CONSTRUCTED DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
- ALL CUT SLOPES SHALL BE 1:1 OR FLATTER.

## STORM DRAIN INLET FILTER DETAIL

NOT TO SCALE



## CONSTRUCTION SPECIFICATIONS

- STONE SIZE - 1" TO 4" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE 30 FOOT MINIMUM WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR. 24-FOOT MINIMUM IF THERE IS ONLY ONE ACCESS TO THE SITE.
- GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEN WHEEL WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

## STABILIZED CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE

## SEDIMENT AND EROSION CONTROL SEQUENCING

- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES WHERE SHOWN ON THE PLAN.
- INSTALL SEDIMENT BARRIERS/SWALES/DITCHES/DIKES AT DOWN SLOPE AREAS FROM ALL PROPOSED GRADING OPERATIONS, AND INSTALL OTHER SEDIMENTATION AND EROSION CONTROL STRUCTURES OR MEASURES AS SHOWN ON THE DRAWINGS.
- LAND DISTURBANCE SHALL BE LIMITED TO ONLY THAT AREA NECESSARY FOR DEVELOPMENT. NO MORE THAN FIVE (5) ACRES OF UNPROTECTED SOIL SHALL BE DISTURBED AT ONE TIME. PREVIOUS EARTHWORK SHALL BE STABILIZED AS SPECIFIED BEFORE ADDITIONAL AREA IS EXPOSED.
- CLEAR EXISTING TREES AND VEGETATION FROM AREAS TO BE EXCAVATED OR FILLED, THEN STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE DISTURBED. SEED STOCKPILED TOPSOIL WITH TEMPORARY RYEGRASS COVER AS SPECIFIED BELOW (SEE NOTE 8), AND ERECT A SILT FENCE AROUND THE STOCKPILE.
- PROTECT ALL TREES WHICH ARE TO REMAIN AND WHICH ARE IN OR NEAR CONSTRUCTION AREAS DIRECTED IN THE FIELD WITH SNOW FENCING PLACED AROUND THE TREE TRUNK. PLACE SNOW FENCING AT THE DRIPLINE SURROUNDING TREES, IF POSSIBLE, OR TO MAINTAIN A MINIMUM DIAMETER OF 10 FEET AROUND TREES. WHERE FENCING MUST BE PLACED CLOSER THAN THE DRIPLINE, PLACE 4 INCHES OF WOOD CHIPS OVER ROOT ZONE TO EXTEND TO THE DRIPLINE. MAINTAIN THIS WOOD CHIP PROTECTION FOR THE DURATION OF CONSTRUCTION.
- PERFORM NECESSARY EXCAVATION OR FILL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM.
- INSTALL SEDIMENT BARRIERS AROUND ALL STORM DRAIN INLETS, OR MODIFY SEDIMENT CONTROL MEASURES INSTALLED IN #2 ABOVE AND MAINTAIN UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH VEGETATION AND ALL PAVED AREAS ARE PAVED WITH A BASE COURSE.
- SEED ALL DISTURBED AREAS WHICH WILL REMAIN UNDISTURBED FOR A PERIOD OF 15 DAYS OR MORE AND WHICH WILL NOT BE UNDER CONSTRUCTION WITHIN 30 DAYS WITH TEMPORARY RYEGRASS COVER, AS FOLLOWS (METHOD OF SEEDING IS OPTIONAL):
  - LOOSEN SEEDBED BY DIGGING TO A 4" DEPTH.
  - SEED WITH 6 LBS PER ACRE PERENNIAL OR ANNUAL RYEGRASS.
  - MULCH WITH 100-200 BALES PER ACRE OF BLOWN AND CHOPPED HAY BOUND IN PLACE WITH 2000 LBS PER ACRE CELLULOSE FIBER MULCH, AND WITH AN APPROVED TACKIFIER BINDER.
- IF CONSTRUCTION IS SUSPENDED OR COMPLETED, ALL DISTURBED AREAS SHALL BE SEED AND MULCHED IMMEDIATELY. ALL SLOPES STEEPER THAN ONE ON THREE (V/H) AND PERIMETER TRENCHES AND TRAP EMBANKMENTS SHALL, ON COMPLETION, BE IMMEDIATELY STABILIZED WITH TEMPORARY SEEDING AND MULCHING.
- AFTER COMPLETION OF SITE CONSTRUCTION, FINE GRADE AND SPREAD TOPSOIL ON ALL LAWN AREAS AND SEED WITH PERMANENT LAWN MIX AS FOLLOWS (SEE LANDSCAPE PLAN FOR OTHER PLANTING INFORMATION):
  - LIME TOPSOIL TO pH 6.0.
  - FERTILIZE WITH 20 LBS PER SQ. FT. OF 5-10-10, 50% WATER SOLUBLE NITROGEN FERTILIZER.
  - SEED WITH 5 LBS PER 1000 SQ. FT. OF THE FOLLOWING MIXTURE, OR OTHER MIXTURE APPROVED BY THE LANDSCAPE ARCHITECT: 40% JAMESTOWN CHEWINGS FESCUE, 40% BARON KENTUCKY BLUEGRASS AND 20% YORKTOWN PERENNIAL RYEGRASS.
  - MULCH AS DESCRIBED FOR TEMPORARY SEEDING (NOTE 8 ABOVE).
  - FERTILIZE 4 WEEKS AFTER GERMINATION WITH 10 LBS 20-10-10 FERTILIZER PER 1000 SQ. FT.
- DURING THE PROGRESS OF CONSTRUCTION, MAINTAIN ALL SEDIMENT TRAPS, BARRIERS, AND FILTERS AS NECESSARY TO PREVENT THEIR BEING CLOGGED UP WITH SEDIMENT.
- AFTER PAVEMENTS ARE INSTALLED AND PERMANENT VEGETATIVE COVER AND PLANTINGS ARE ESTABLISHED, REMOVE SEDIMENT BARRIERS AND SEED THOSE DISTURBED AREAS.
- MAINTAIN ALL SEEDING AND PLANTED AREAS TO INSURE A VIABLE STABILIZED VEGETATIVE COVER.
- STRUCTURAL MEASURES MUST BE MAINTAINED TO BE EFFECTIVE. IN GENERAL, THESE MEASURES MUST BE PERIODICALLY INSPECTED TO INSURE STRUCTURAL INTEGRITY, TO DETECT VANDALISM DAMAGE, AND FOR CLEANING AND REPAIR WHENEVER NECESSARY.
- DURING CONSTRUCTION, ALL STRUCTURES SHOULD BE INSPECTED WEEKLY AND AFTER EVERY RAIN. REMOVE ACCUMULATED SEDIMENT AND STOCKPILE AND STABILIZE IN AN AREA NOT SUBJECT TO FURTHER EROSION.
- AFTER CONSTRUCTION IS COMPLETED, PERMANENT SEDIMENT OR EROSION CONTROL STRUCTURES SHOULD BE INSPECTED AT LEAST SEMI-ANNUALLY AND AFTER EVERY RAIN.

## WINTER SITE STABILIZATION AND INSPECTIONS

THIS GUIDANCE IS TO ADDRESS THE REQUIREMENTS FOR WINTER SITE STABILIZATION ON CONSTRUCTION SITES WHERE THE OWNER/OPERATOR WISHES TO REDUCE WEEKLY SITE INSPECTIONS THAT ARE REQUIRED PURSUANT TO PART II.D.3.A. OF THE STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT GP-02-01.

THE OWNER/OPERATOR IS REQUIRED TO HAVE A QUALIFIED PROFESSIONAL CONDUCT A SITE INSPECTION AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER. AT THE END OF THE CONSTRUCTION SEASON WHEN SOIL DISTURBANCE ACTIVITIES WILL BE FINALIZED OR SUSPENDED UNTIL THE FOLLOWING SPRING, IT MAY BE DESIRABLE TO REDUCE THE FREQUENCY OF THE REQUIRED INSPECTIONS.

IF THE SOIL DISTURBANCE IS COMPLETELY SUSPENDED AND THE SITE IS PROPERLY STABILIZED AN OWNER/OPERATOR MAY REDUCE THE SELF-INSPECTION FREQUENCY, BUT SHALL MAINTAIN A MINIMUM OF MONTHLY INSPECTIONS IN ALL SITUATIONS (EVEN WHEN THERE IS TOTAL WINTER SHUTDOWN), DURING PERIODS OF REDUCED INSPECTION FREQUENCY, INSPECTIONS MUST STILL BE DONE AFTER EVERY STORM EVENT OF 0.5 INCHES OR GREATER.

TO BE ALLOWED TO REDUCE INSPECTION FREQUENCIES, THE OPERATOR MUST COMPLETE STABILIZATION ACTIVITIES (PERIMETER CONTROLS, TRAPS, BARRIERS, ETC) BEFORE PROPER INSTALLATION IS PRECLUDED BY SNOW COVER OR FROZEN GROUND. IF VEGETATION IS DESIRED, SEEDING, PLANTING, AND/OR SOODING MUST BE SCHEDULED TO AVOID DIE-OFF FROM FALL FROSTS AND ALLOW FOR PROPER GERMINATION/ESTABLISHMENT.

ALL EROSION AND SEDIMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ACCORDING TO THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (AKA BLUE BOOK). THE MAIN ITEMS TO CONSIDER ARE:

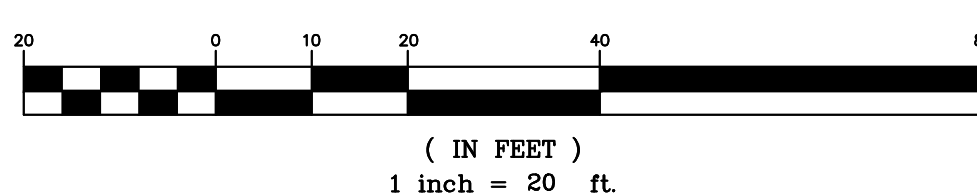
- SITE STABILIZATION - ALL BARE/EXPOSED SOILS MUST BE STABILIZED BY AN ESTABLISHED VEGETATION, STRAW OR MULCH, MATTING, ROCK OR OTHER APPROVED PRODUCT SUCH AS ROLLED EROSION CONTROL PRODUCT. SEEDING OF AREAS ALONG WITH MULCHING IS ENCOURAGED, HOWEVER SEEDING ALONE IS NOT CONSIDERED ACCEPTABLE FOR PROPER STABILIZATION.
- SEDIMENT BARRIERS - BARRIERS MUST BE PROPERLY INSTALLED AT ALL NECESSARY PERIMETER AND SENSITIVE LOCATIONS.
- SLOPES - ALL SLOPES AND GRADES MUST BE PROPERLY STABILIZED WITH APPROVED METHODS. ROLLED EROSION CONTROL PRODUCTS MUST BE USED ON ALL SLOPES GREATER THAN 3:1, OR WHERE CONDITIONS FOR EROSION DICTATE SUCH MEASURES.
- SOIL STOCKPILES - STOCKPILED SOILS MUST BE PROTECTED BY THE USE OF ESTABLISHED VEGETATION, AN ANCHORED-DOWN STRAW OR MULCH, ROLLED EROSION CONTROL PRODUCT OR OTHER DURABLE COVERING. A BARRIER MUST BE INSTALLED AROUND THE PILE TO PREVENT EROSION AWAY FROM THE LOCATION.
- CONSTRUCTION ENTRANCE - ALL ENTRANCE/EXIT LOCATIONS TO THE SITE MUST BE PROPERLY STABILIZED AND MUST BE MAINTAINED TO ACCOMMODATE SNOW MANAGEMENT AS SET FORTH IN THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- SNOW MANAGEMENT - SNOW MANAGEMENT MUST NOT DESTROY OR DEGRADE EROSION AND SEDIMENT CONTROL PRACTICES.

FROZEN GROUND, WINTER CONDITIONS AND EQUIPMENT CAN AFFECT EROSION AND SEDIMENT CONTROL PRACTICES. CHECK FOR DAMAGE DURING MONTHLY INSPECTIONS AND REPAIR AS NECESSARY. THIS IS ESPECIALLY IMPORTANT DURING THAW AND PRIOR TO SPRING RAIN EVENTS. WEEKLY INSPECTIONS MUST RESUME NO LATER THAN MARCH 15 OR AS DIRECTED BY THE DEPARTMENT.

THIS EROSION CONTROL PLAN SHALL BE USED FOR EROSION CONTROL METHODS AND LOCATIONS ONLY. DO NOT USE THIS PLAN FOR BUILDING, PAVED AREA, UTILITY LOCATIONS, ETC.

THE CONTRACTOR IS ASSIGNED THE RESPONSIBILITY FOR THE CONSTRUCTION AND MAINTENANCE OF THE MEASURES AS DETAILED ON THIS PLAN AND ACCOMPANYING TECHNICAL SPECIFICATIONS

## GRAPHIC SCALE



1 inch = 20 ft.

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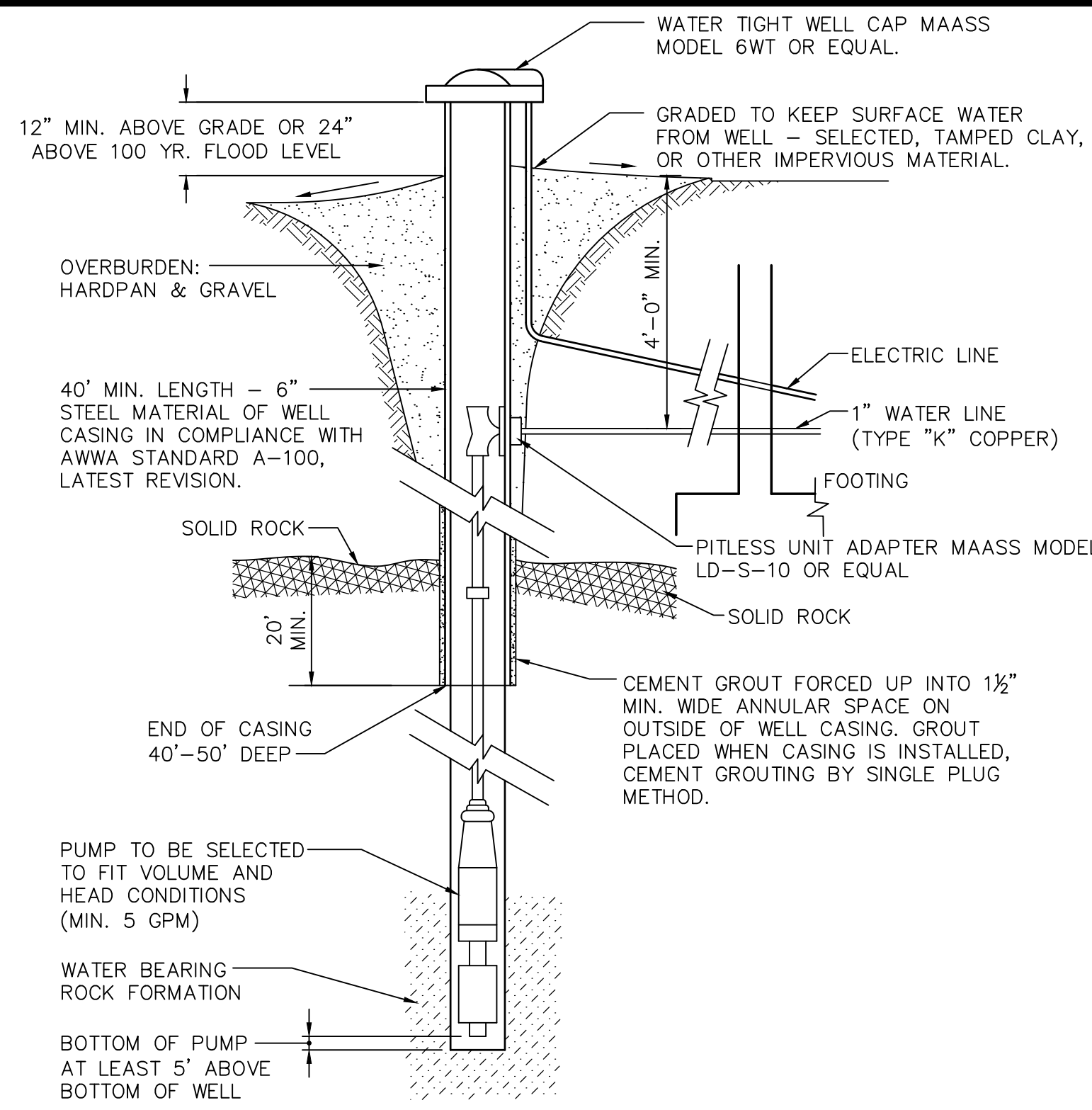
OVERALL SITE PLAN PREPARED FOR

NEW POLICE FACILITY  
(TOWN OF MONTGOMERY)

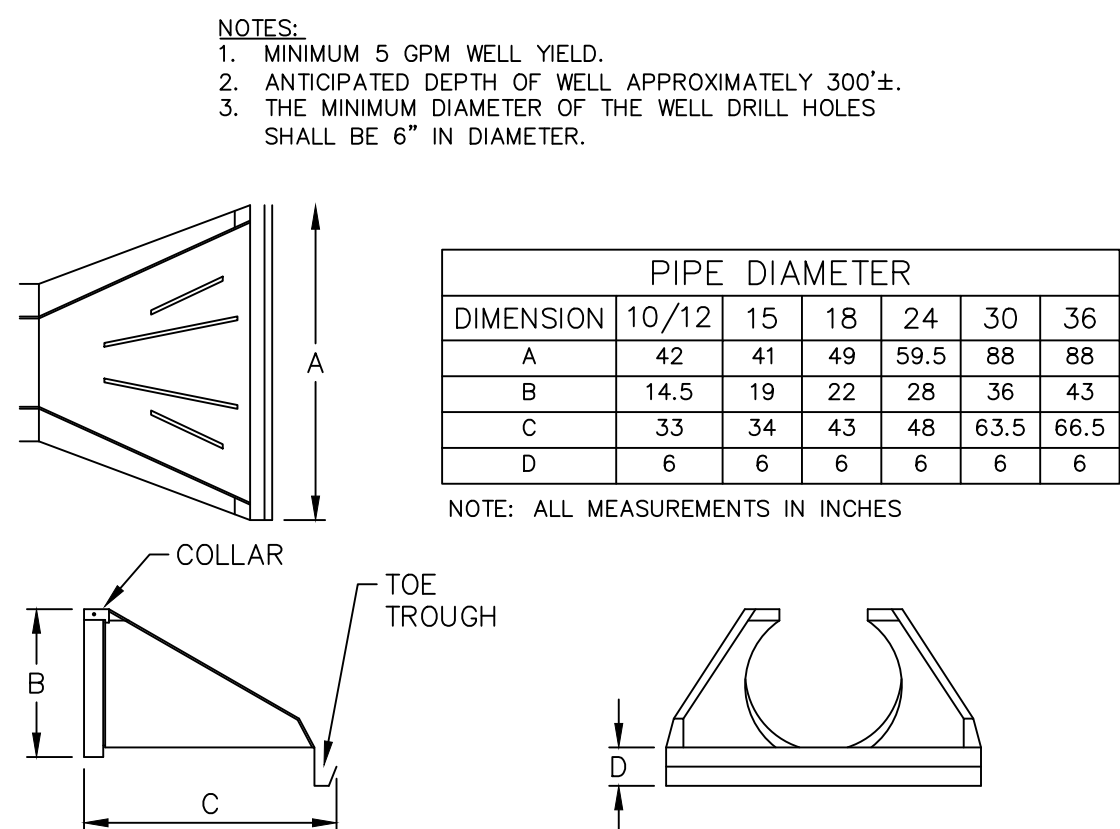
TOWN OF MONTGOMERY  
ORANGE COUNTY, NEW YORK

Drawn By: PLS Checked By: Scale: 1" = 20' Tax Map No.: 30-1-87 Drawing No.: C30 A- 18 - 2309 - 01

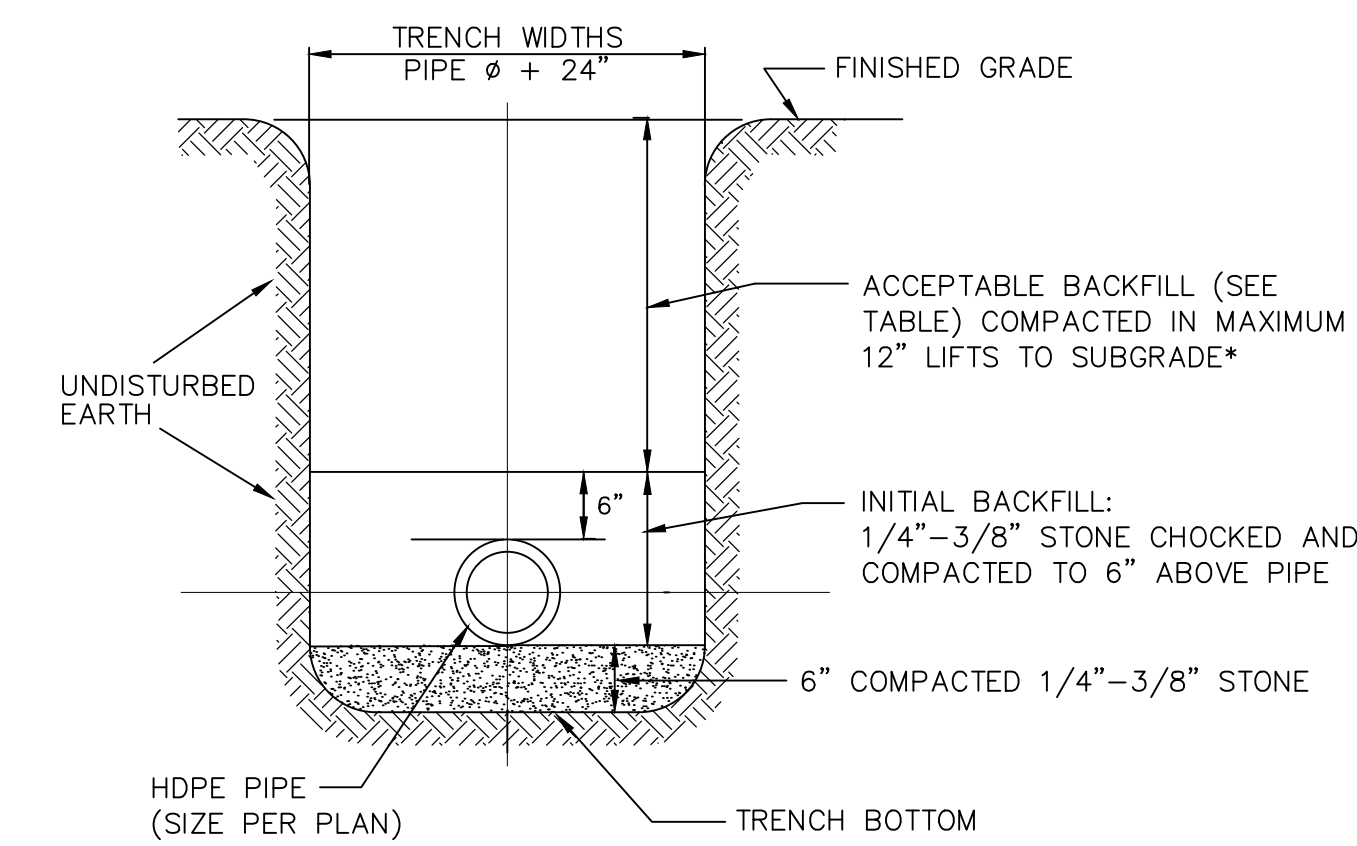




**TYPICAL WELL DETAIL**  
NOT TO SCALE



**HDPE FLARED END SECTION**

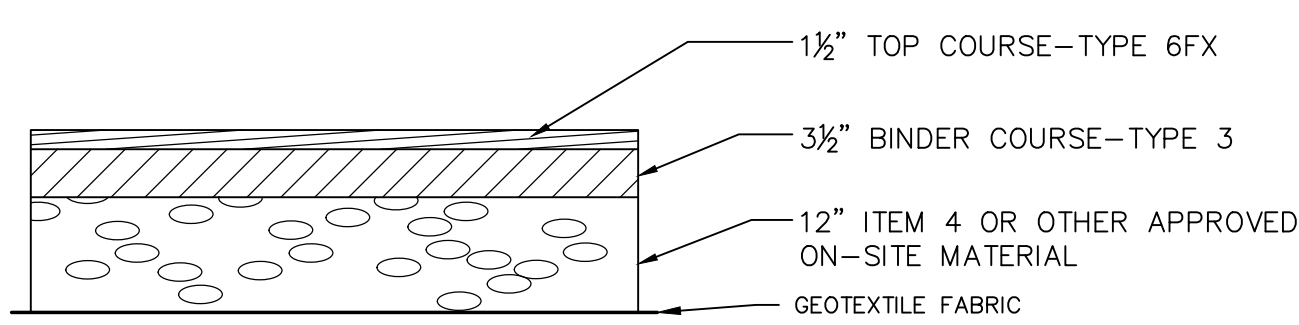


ACCEPTABLE BACKFILL MATERIAL & COMPACTION REQUIREMENTS WITHIN NON-PAVED AREAS				
DESCRIPTION	ASTM D2321	ASTM D2487	AASHTO M43	MINIMUM STANDARD PROCTOR DENSITY %
GRADED OR CRUSHED, CRUSHED STONE, GRAVEL	CLASS I	5	56	DUMPED
SAND, GRAVELS AND GRAVEL/SAND MIXTURES; LITTLE OR NO FINES	CLASS II	GW GP SW SP	57 6	85%
SILTY OR CLAYEY GRAVELS, GRAVEL/SAND/SILT OR GRAVEL AND CLAY MIXTURES; SILTY OR CLAYEY SANDS, SAND/CLAY OR SAND/SILT MIXTURES	CLASS III	GM GC SM SC	GRAVEL AND SAND (<10% FINES)	90%

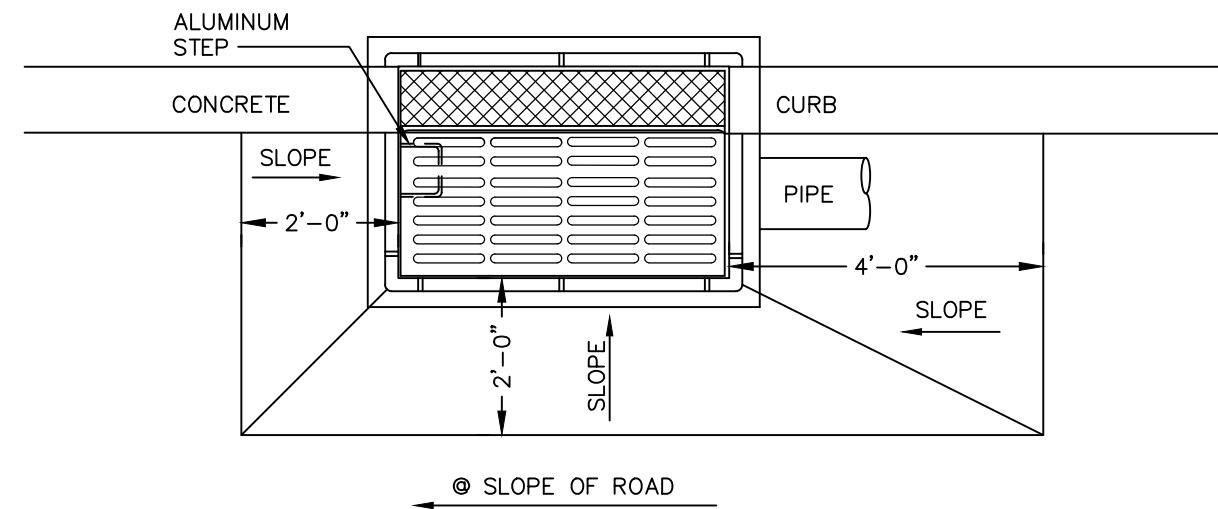
NOTE: INORGANIC SILTS, CLAYS, AND OTHER CLASS IV MATERIAL SHALL NOT BE PERMITTED.

\* BACKFILL SHALL CONTAIN NO STONES OVER 6" IN ANY DIMENSION.

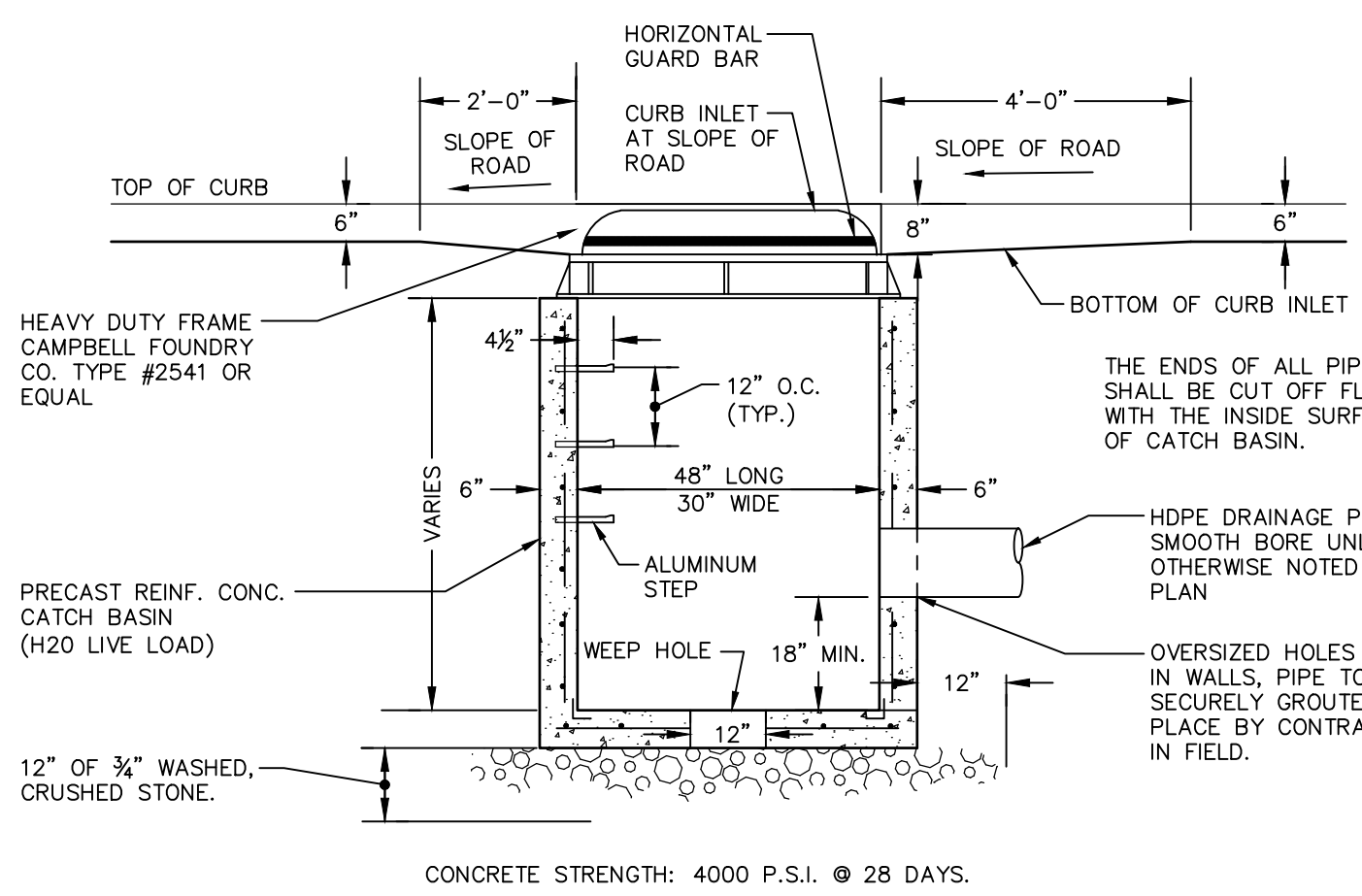
**STORM SEWER TRENCH CROSS SECTION**  
NOT TO SCALE



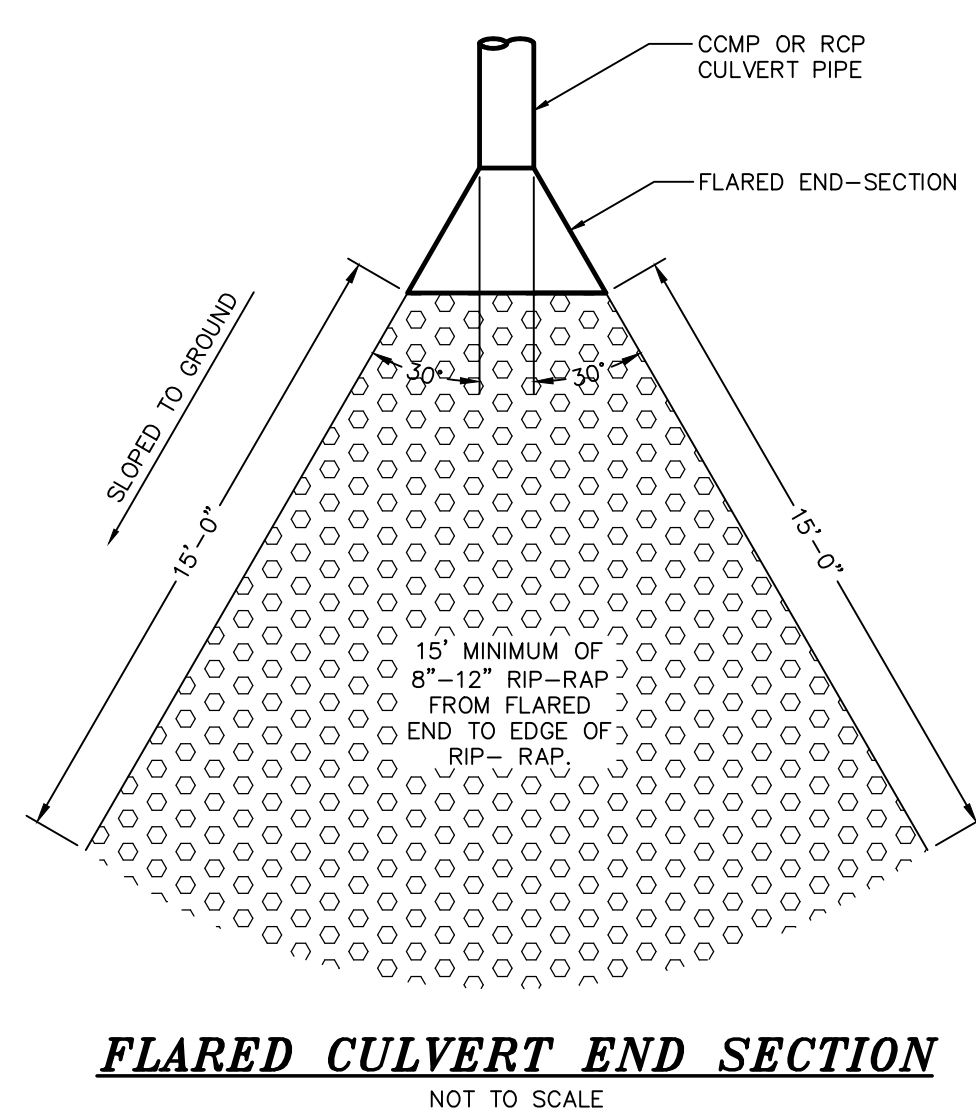
**PAVEMENT SECTION DETAIL**  
NOT TO SCALE  
(PARKING AREAS AND CERTAIN PARKING DRIVES)



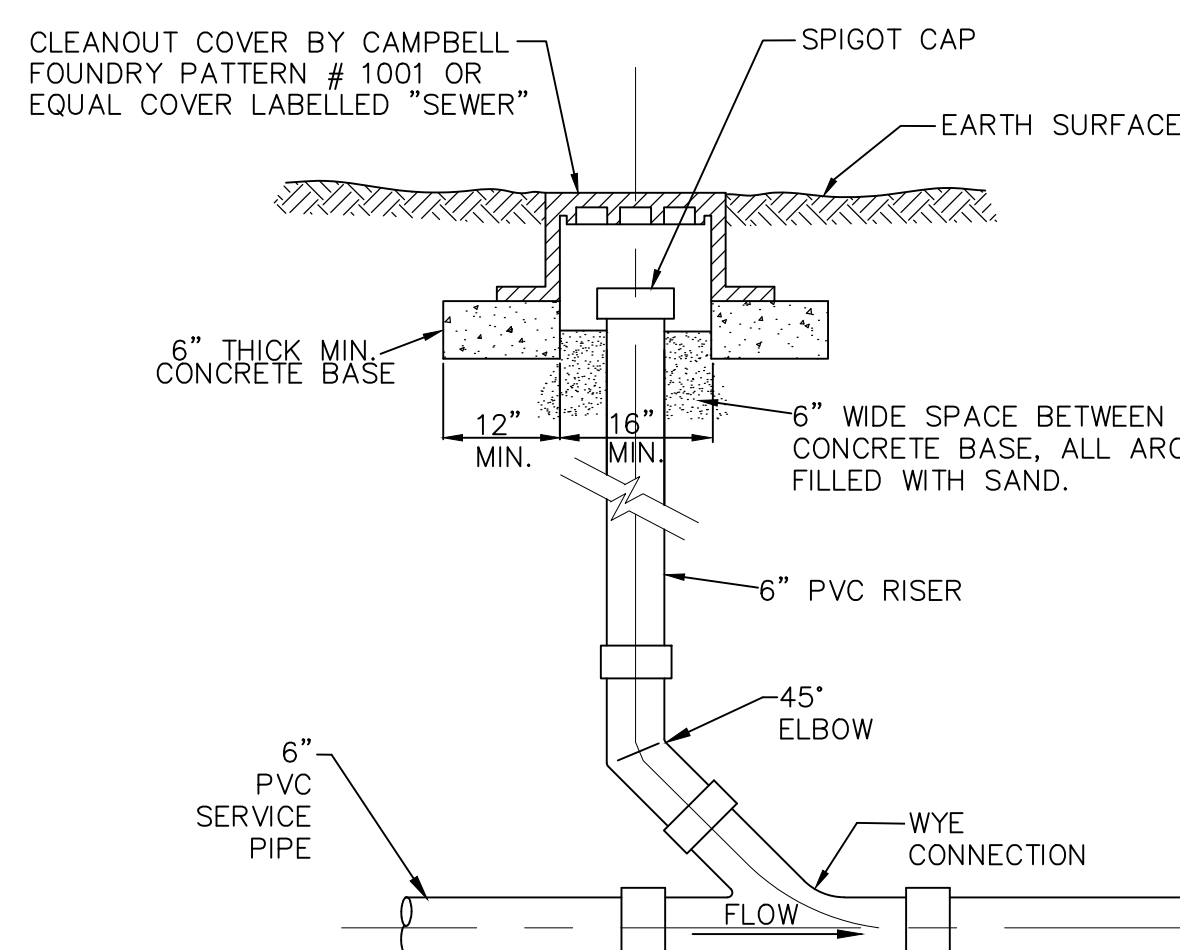
**STANDARD SIDEWALK DETAIL**  
NOT TO SCALE



**CURB INLET-CATCH BASIN**  
NOT TO SCALE

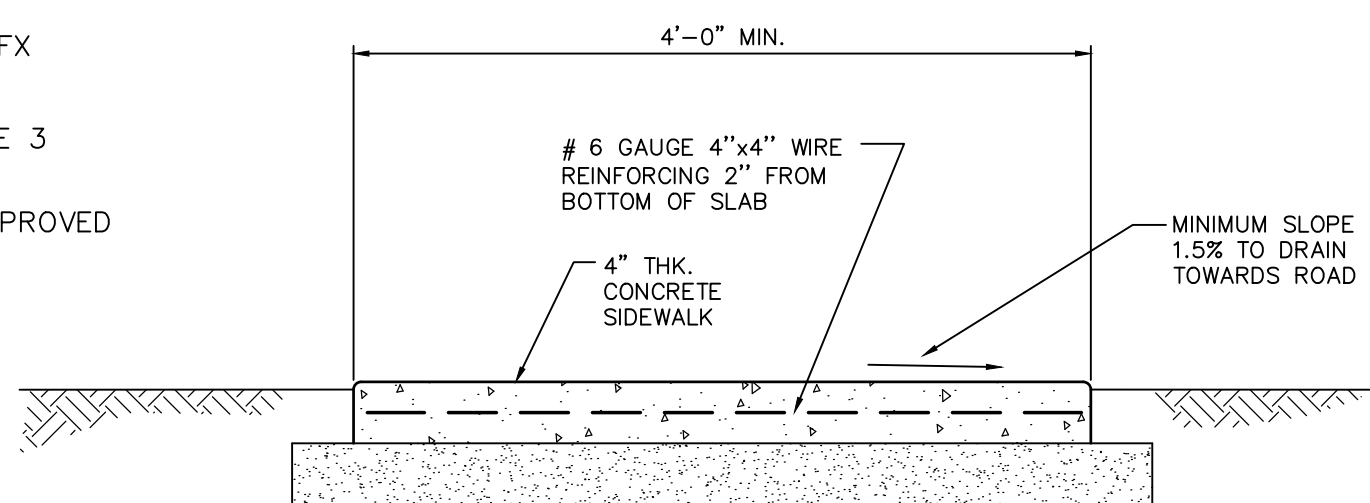


**FLARED CULVERT END SECTION**  
NOT TO SCALE



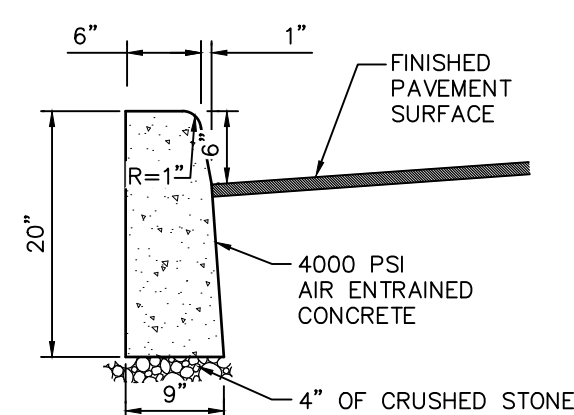
**ELEVATION SEWER CLEAN OUT (C.O.) DETAIL**  
NOT TO SCALE

- NOTES:
- CLEAN OUT LOCATION TO BE SHOWN ON AS-BUILT DRAWINGS WITH DISTANCE FROM BUILDING CORNERS.
  - MINIMUM COVER OVER 6" SERVICE PIPE IS 2.5 FEET.

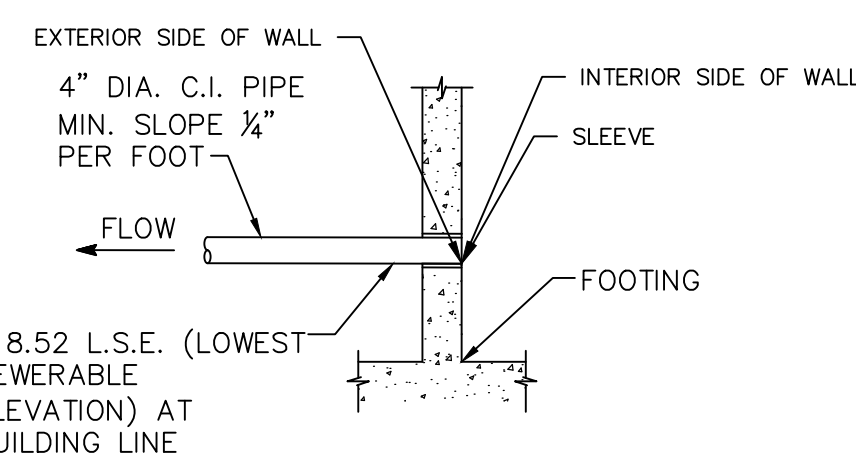


- NOTES:
- EXPANSION JOINTS OF 3/8" CELLULOSE OR SIMILAR APPROVED MATERIAL SHALL BE PLACED AT 10' INTERVALS.
  - CONTRACTION JOINTS 1" DEEP HAVING 1/4" RADIUS EDGES SHALL BE PLACED AT 5'-0" INTERVALS IN SIDEWALK.
  - EDGES SHALL HAVE 1/2" RADIUS.
  - USE 4000 PSI CONCRETE.
  - BROOM FINISH TOP SURFACE.
  - ALL SIDEWALKS ABUTTING ROADWAY CURBS SHALL BE SEALED WITH A PROTECTIVE SEALER.
  - EXPANSION JOINT MATERIAL TO BE PLACED BETWEEN EXISTING AND NEW WALK & EXISTING CURB AND NEW WALK.
  - SURFACE TO BE FLUSH WHERE NEW AND EXISTING SIDEWALKS MEET.

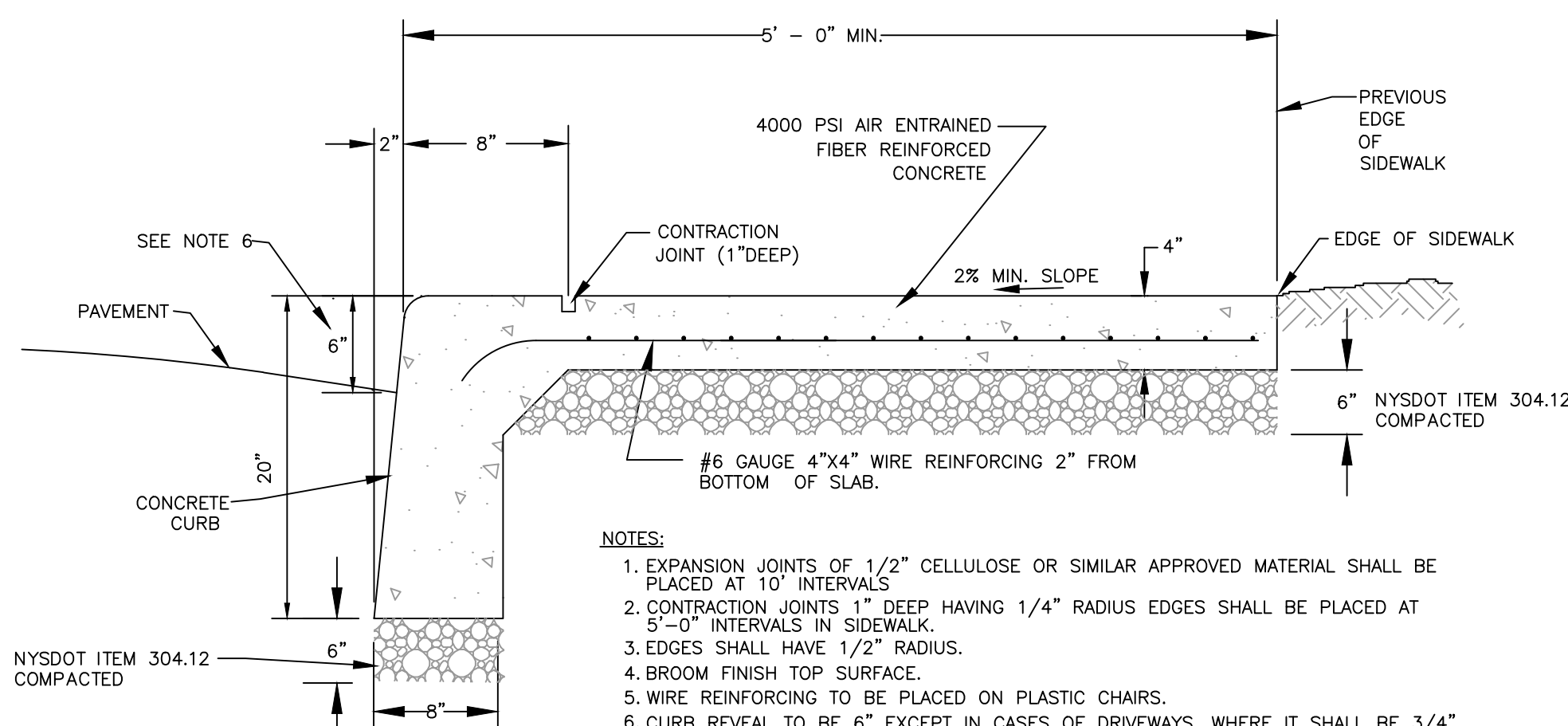
**STANDARD SIDEWALK DETAIL**  
NOT TO SCALE



**CONCRETE CURB**  
NOT TO SCALE

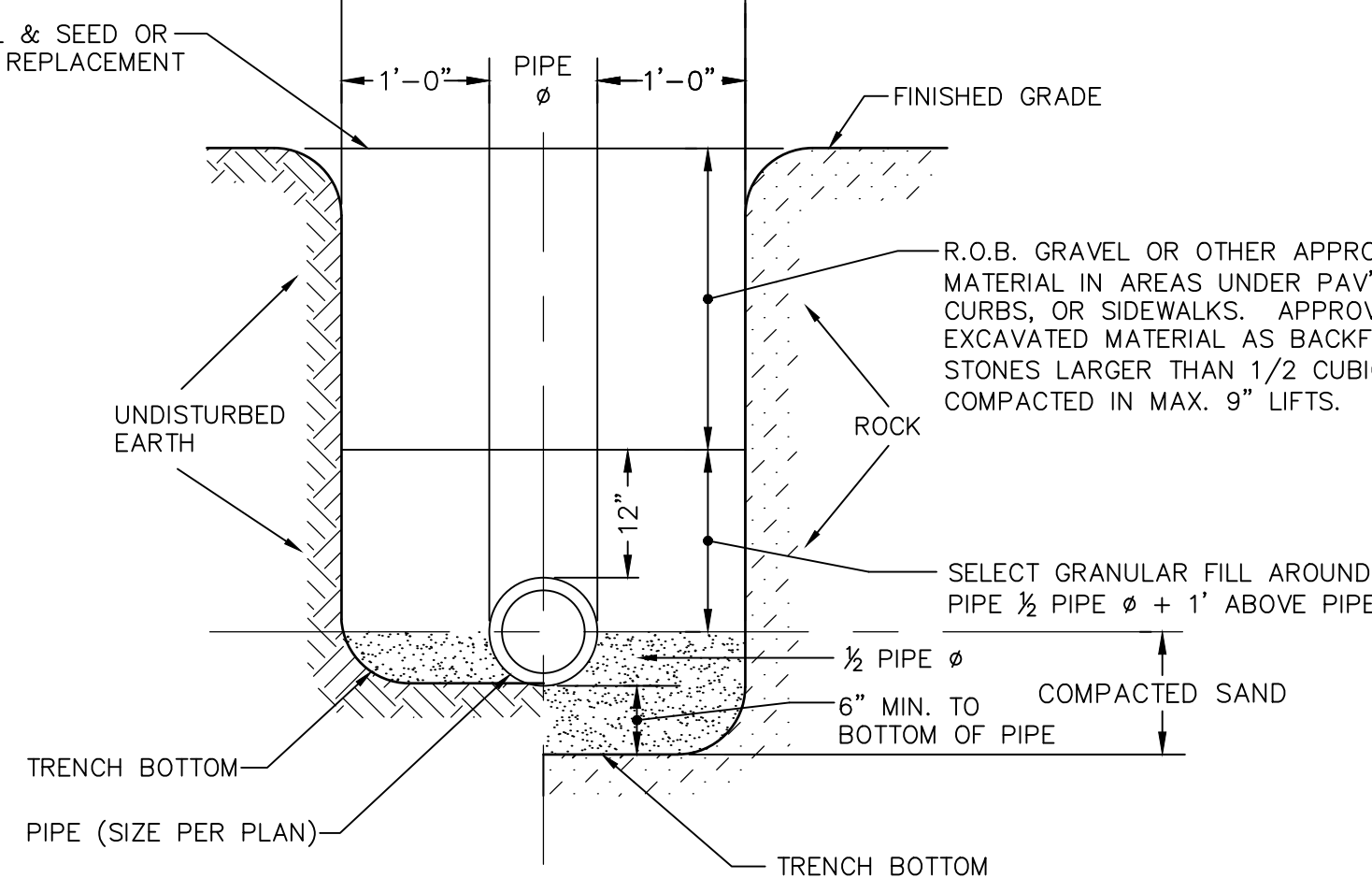


**LOWEST SEWERABLE ELEVATION DETAIL**  
NOT TO SCALE



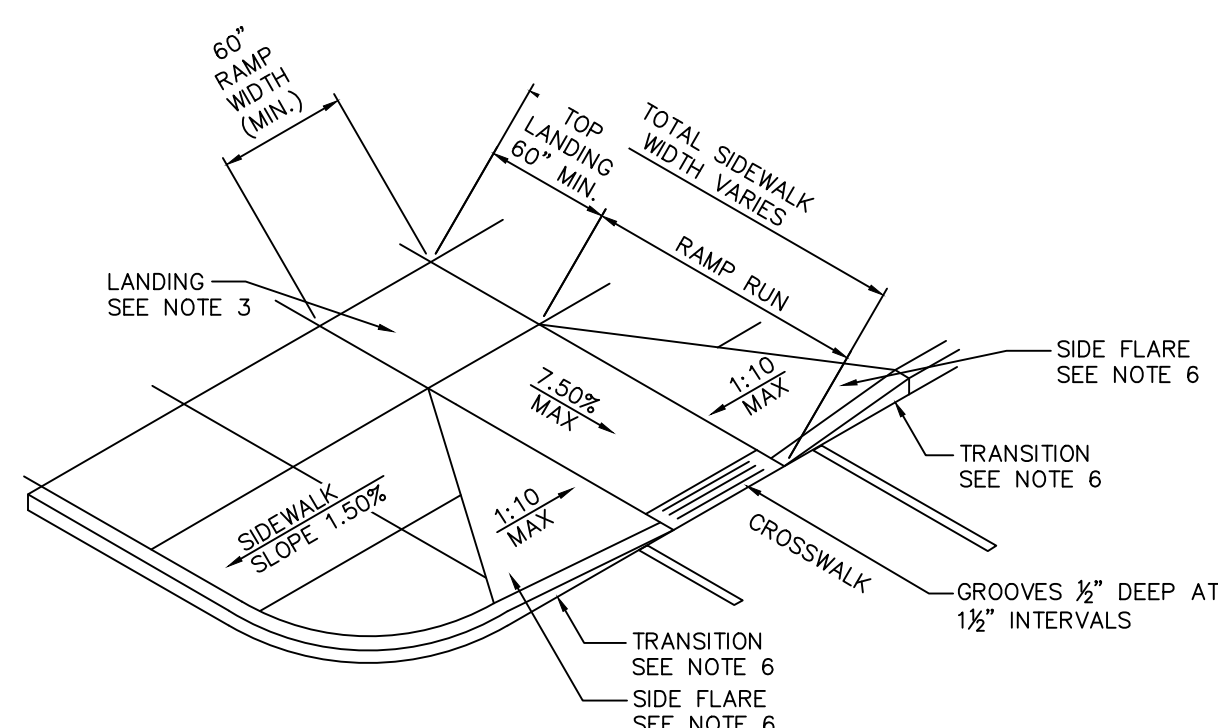
- NOTES:
- EXPANSION JOINTS OF 1/2" CELLULOSE OR SIMILAR APPROVED MATERIAL SHALL BE PLACED AT 10' INTERVALS.
  - CONTRACTION JOINTS 1" DEEP HAVING 1/4" RADIUS EDGES SHALL BE PLACED AT 5'-0" INTERVALS IN SIDEWALK.
  - EDGES SHALL HAVE 1/2" RADIUS.
  - BROOM FINISH TOP SURFACE.
  - WIRE REINFORCING TO BE PLACED ON PLASTIC CHAIRS.
  - CURB REVEAL TO BE 6" EXCEPT IN CASES OF DRIVEWAYS, WHERE IT SHALL BE 3/4".
  - ALL EXPANSION JOINTS SHALL BE CAULKED WITH A FLEXIBLE, SELF-LEVELLING, WHITE CAULK.

**MONOLITHIC CURB AND SIDEWALK DETAIL**  
NOT TO SCALE

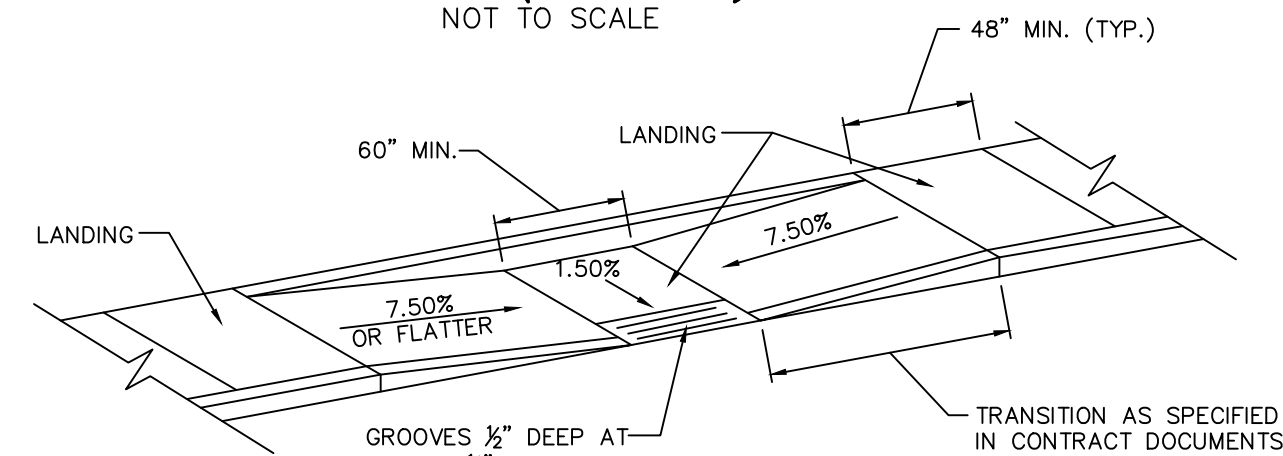


**EARTH EXCAVATION ROCK EXCAVATION SEWER TRENCH CROSS SECTION**  
NOT TO SCALE

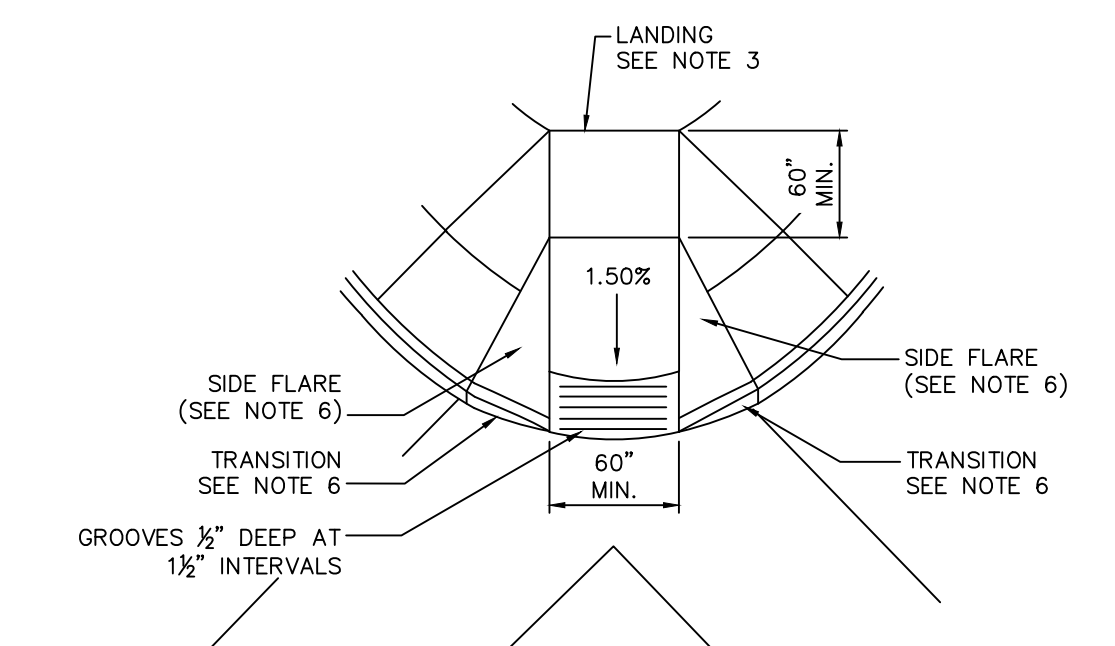
## CURB RAMP DETAILS



**PERPENDICULAR SIDEWALK CURB RAMP (TYPE 1)**  
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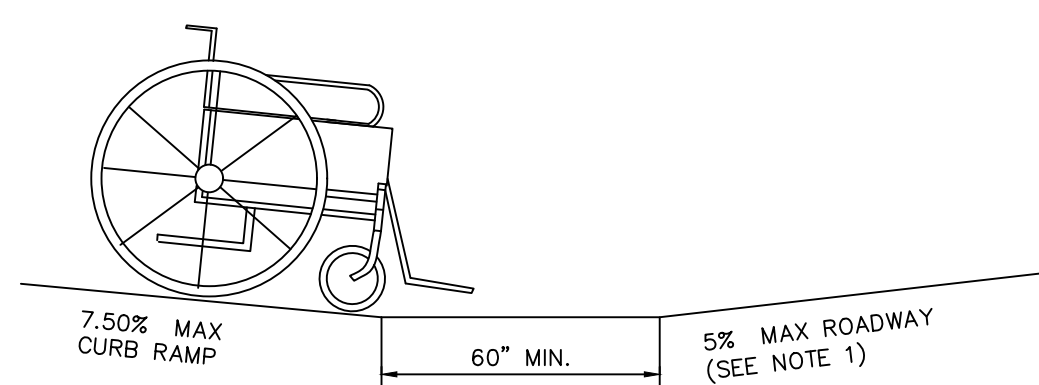


**PARALLEL CURB RAMP (TYPE 2B)**  
NOT TO SCALE

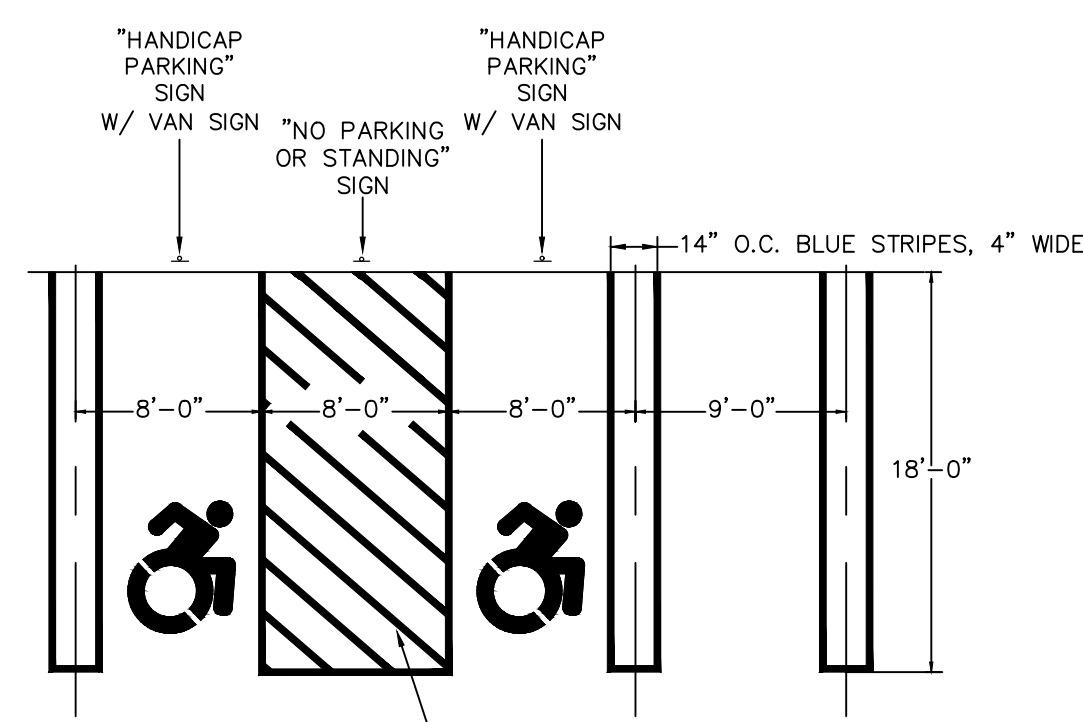


**DIAGONAL SIDEWALK CURB RAMP (TYPE 4)**  
NOT TO SCALE

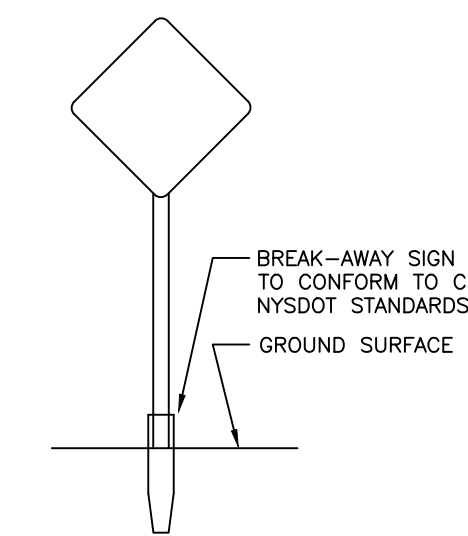
- GENERAL NOTES:
- THE PUBLIC SIDEWALK CURB RAMP STANDARDS DEPICTED HERE MAY NOT BE APPROPRIATE FOR ALL LOCATIONS. FIELD CONDITIONS AT INDIVIDUAL LOCATIONS MAY REQUIRE SPECIFIC DESIGNS. DESIGNS MUST BE CONSISTENT WITH THE PROVISIONS OF THIS SHEET TO THE MAXIMUM EXTENT FEASIBLE ON ALTERATION PROJECTS AND WHEN STRUCTURALLY PRACTICABLE ON NEW CONSTRUCTION PROJECTS AS REQUIRED BY THE AMERICAN'S WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES.
  - THERE SHALL BE A LANDING AT THE TOP OF EACH CURB RAMP. THERE SHALL BE A LANDING AT THE TOP AND AT THE BOTTOM OF EACH PARALLEL AND PARALLEL/PERPENDICULAR RAMP.
  - LANDINGS SHALL HAVE A MINIMUM CLEAR DIMENSION OF A 60" BY 60" SQUARE. THE MAXIMUM CROSS SLOPE AT LANDINGS IS 2 PERCENT IN ANY DIRECTION. LANDINGS MAY OVERLAP WITH ADJACENT LANDINGS OR A SINGLE LANDING LANDINGS MAY OVERLAP WITH THE CLEAR GROUND SPACE REQUIRED AT PEDESTRIAN SIGNAL PUSH BUTTONS.
  - CROSS SLOPES. THE MAXIMUM CROSS SLOPE OF CURB RAMPS SHALL BE 1.5 PERCENT. CURB RAMP SURFACES SHALL GENERALLY LIE IN CONTINUOUS PLANES WITH A MINIMUM OF SURFACE WARF.
  - THE RUNNING GRADE OF CURB RAMPS SHOULD BE AS FLAT AS PRACTICABLE. THE MAXIMUM RUNNING GRADE OF ANY PORTION OF ANY CURB RAMP SHALL BE 7.50% CURB RAMPS ARE NOT REQUIRED TO BE LONGER THAN 15'.
  - CURB RAMPS LOCATED WHERE PEDESTRIANS MAY WALK ACROSS THE CURB RAMP SHALL HAVE FLARED SIDES. THE LENGTH OF THE FLARES SHALL BE AT LEAST TEN (10) TIMES THE CURB HEIGHT, MEASURED ALONG THE CURB LINE. WHEN INFEASIBLE OR IMPRACTICABLE TO PROVIDE A LANDING THAT IS AT LEAST 60" WIDE (MEASURED FROM THE TOP OF THE RAMP TO THE BACK OF THE SIDEWALK), THE LENGTH OF THE FLARES SHALL BE TWELVE (12) TIMES THE CURB HEIGHT MEASURED ALONG THE CURB LINE.
  - THE SURFACE OF ALL CURB RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT. A COARSE BROOM FINISH RUNNING PERPENDICULAR TO THE SLOPE IS RECOMMENDED ON CONCRETE RAMP SURFACES, EXCLUSIVE OF THE DETECTABLE WARNING GROOVES.
  - RAMP TRANSITIONS BETWEEN WALKS, CUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX.).
  - COORDINATE ALL TRAFFIC CONTROL DEVICES, UTILITY LOCATIONS, SIGNS, STREET FURNITURE AND DRAINAGE TO ENSURE A CONTINUOUS PEDESTRIAN ACCESS ROUTE AT ALL CURB RAMP LOCATIONS. GUIDANCE FOR CROSSWALK MARKINGS AND TRAFFIC CONTROL DEVICES IS PROVIDED IN THE MUTCD. DRAINAGE GRATES AND UTILITY ACCESS COVERS ARE NOT ALLOWED IN RAMP WALKING SURFACES OR LANDINGS.
  - WHERE FEASIBLE, E.G. WHERE R.O.W. WIDTH PROVIDES SUFFICIENT SPACE TO INSTALL SIDEWALKS SET BACK FROM THE CURBS, RAMP TYPES 2A AND 3A SHOULD BE INSTALLED AS THE SEPARATION PROVIDED BETWEEN SIDEWALK AND CURB OR TRAVELWAY MAKE FOR AS GREATER PEDESTRIAN SAFETY AND COMFORT.
  - AT MARKED CROSSINGS, THE FULL WIDTH OF THE RAMP SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS. THE SIDES OF THE RAMPS (THE FLARES) NEED NOT BE WITHIN THE WIDTH OF THE MARKINGS.
  - DETAILS ILLUSTRATE THAT DETECTABLE GROOVES ARE REQUIRED. SEE THE CURRENT DETECTABLE WARNING STANDARD SHEET FOR SPECIFIC DETECTABLE WARNING REQUIREMENTS. DETAILS DO NOT SHOW DROPPED CURBS AT BOTTOMS OF CURB RAMPS. DROP CURBS MAY BE SPECIFIED.
  - SLOPES ON BLENDED TRANSITIONS SHALL NOT BE STEEPER THAN 1.50% IN ANY DIRECTION.



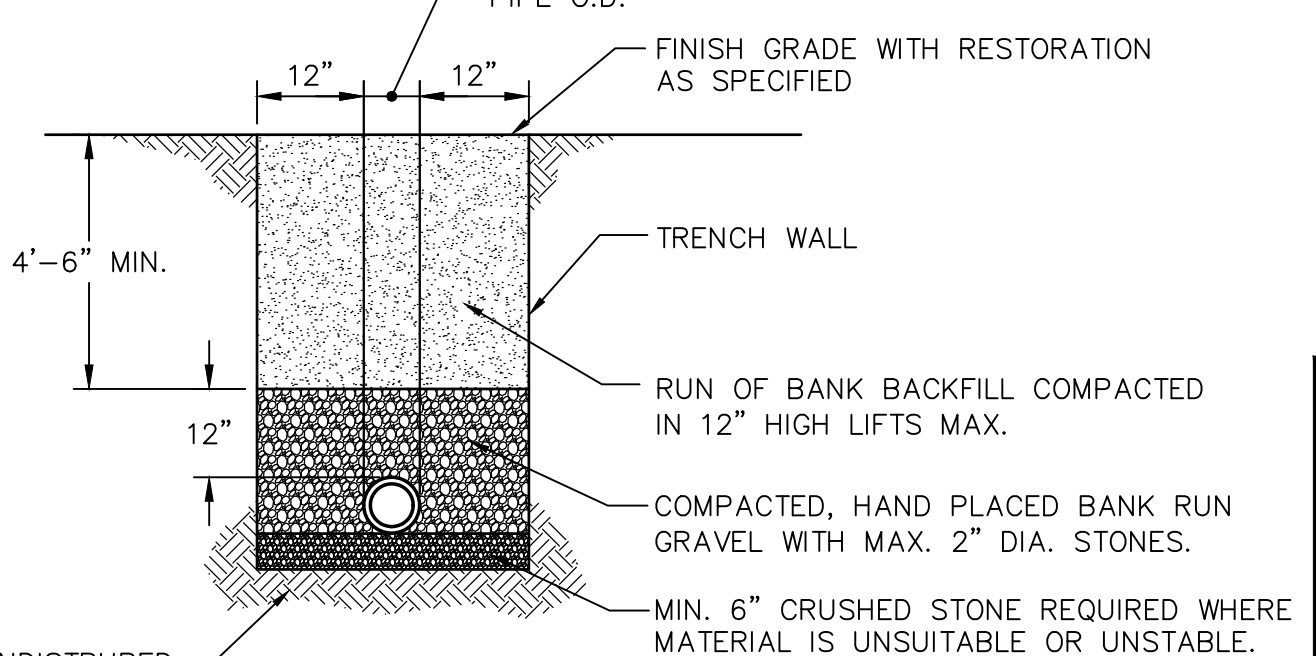
**COUNTER SLOPE CONDITIONS**  
NOT TO SCALE



**PARKING SPACE STRIPING DETAIL**  
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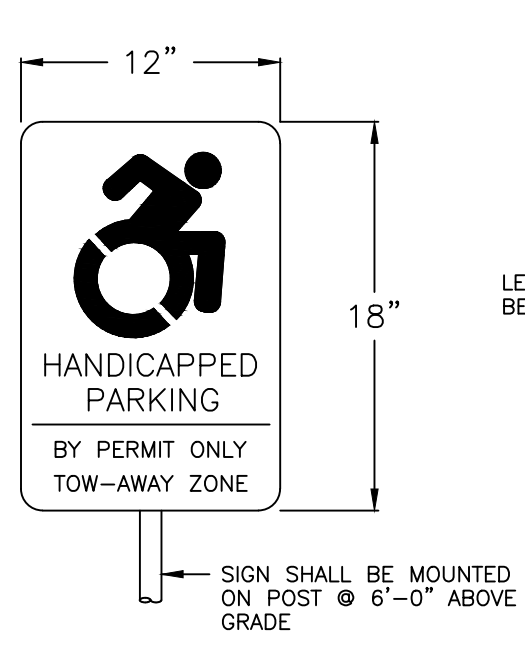


**TYPICAL PERMANENT SIGN INSTALLATION**  
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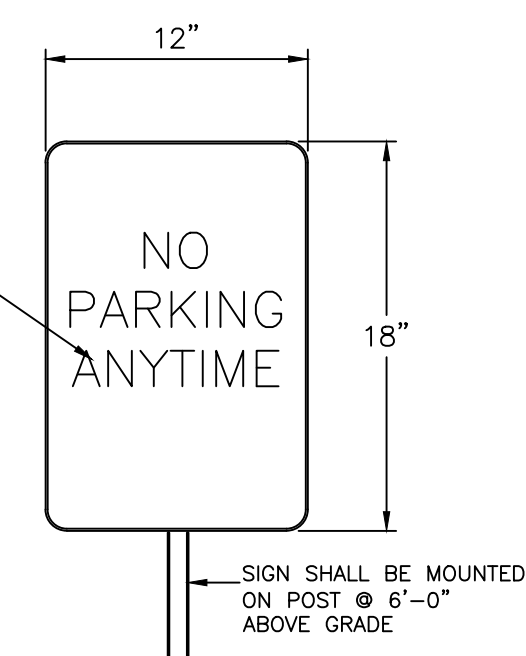


**WATERMAIN TRENCH EXCAVATION AND BACKFILL**  
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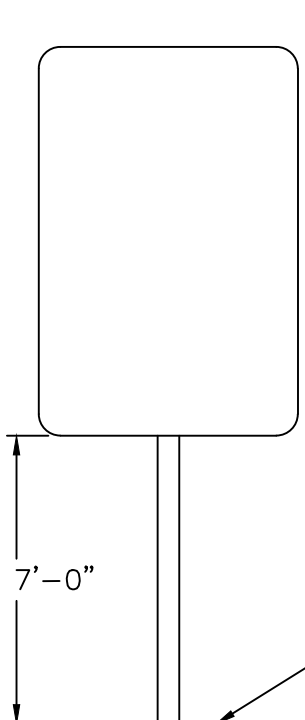
**SIGN A - HANDICAP SIGN**  
NOT TO SCALE



**SIGN B**



**SIGN C**



**SIGN HEIGHT**  
NOT TO SCALE

## SIGN DETAILS

NOT TO SCALE  
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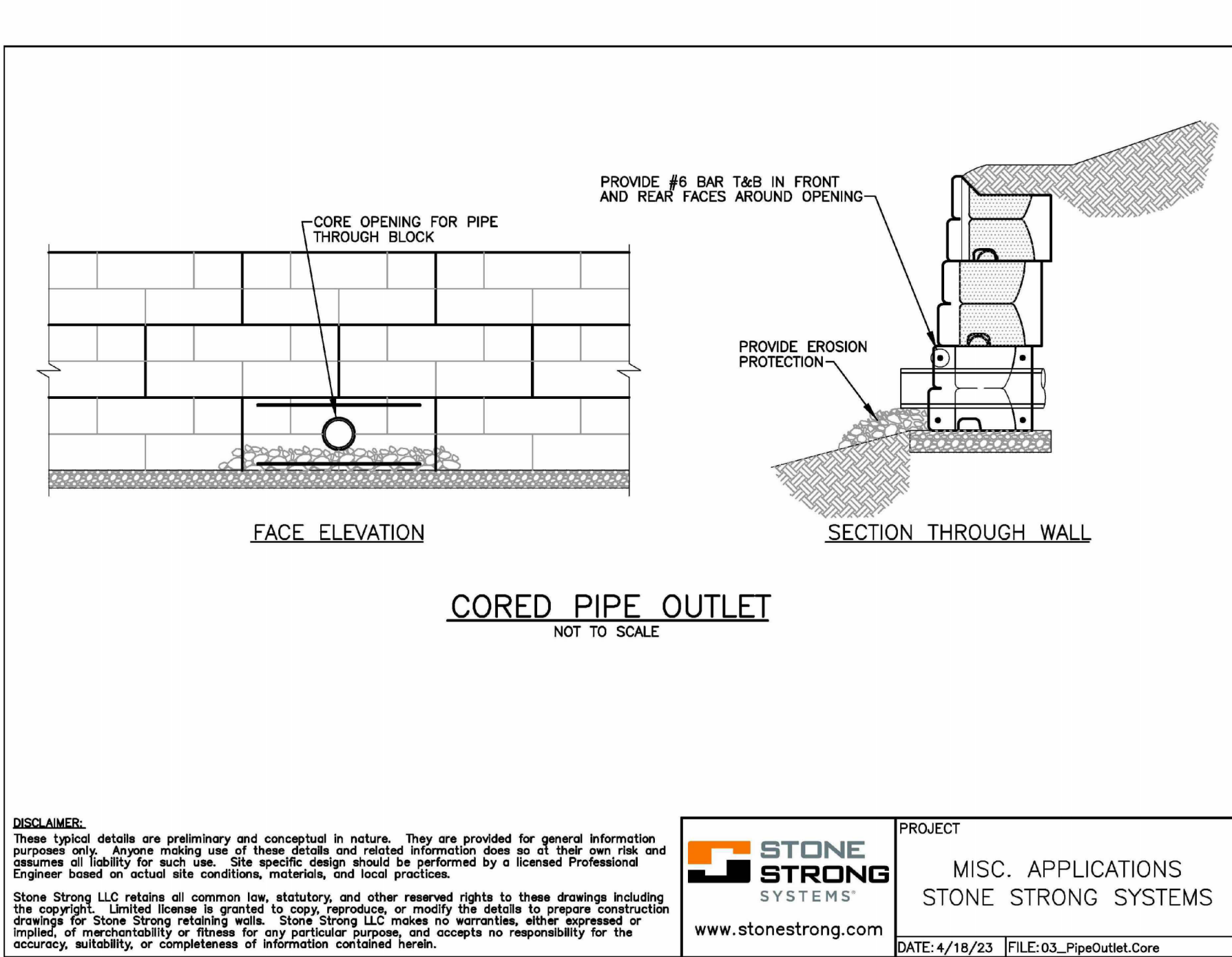
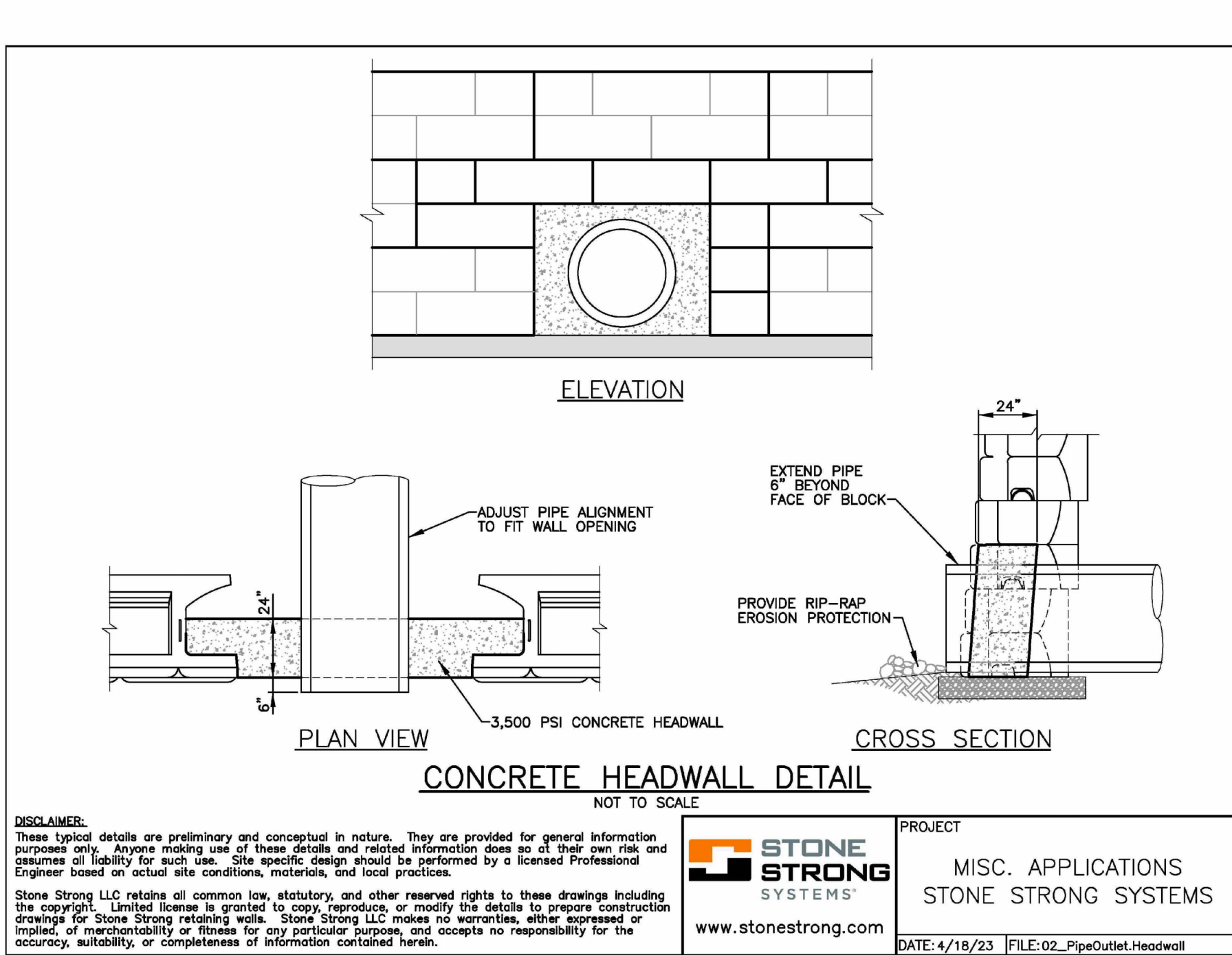
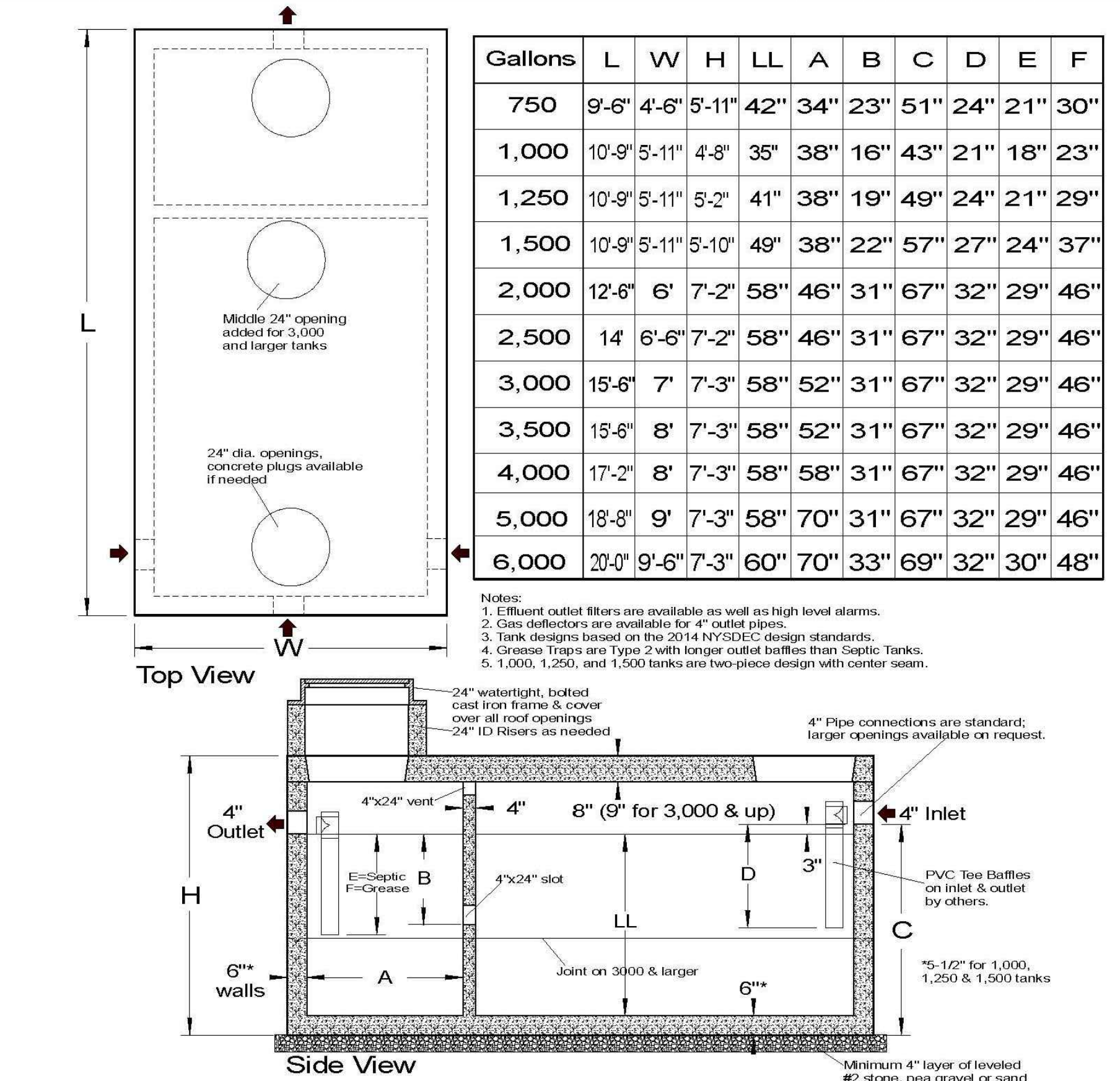
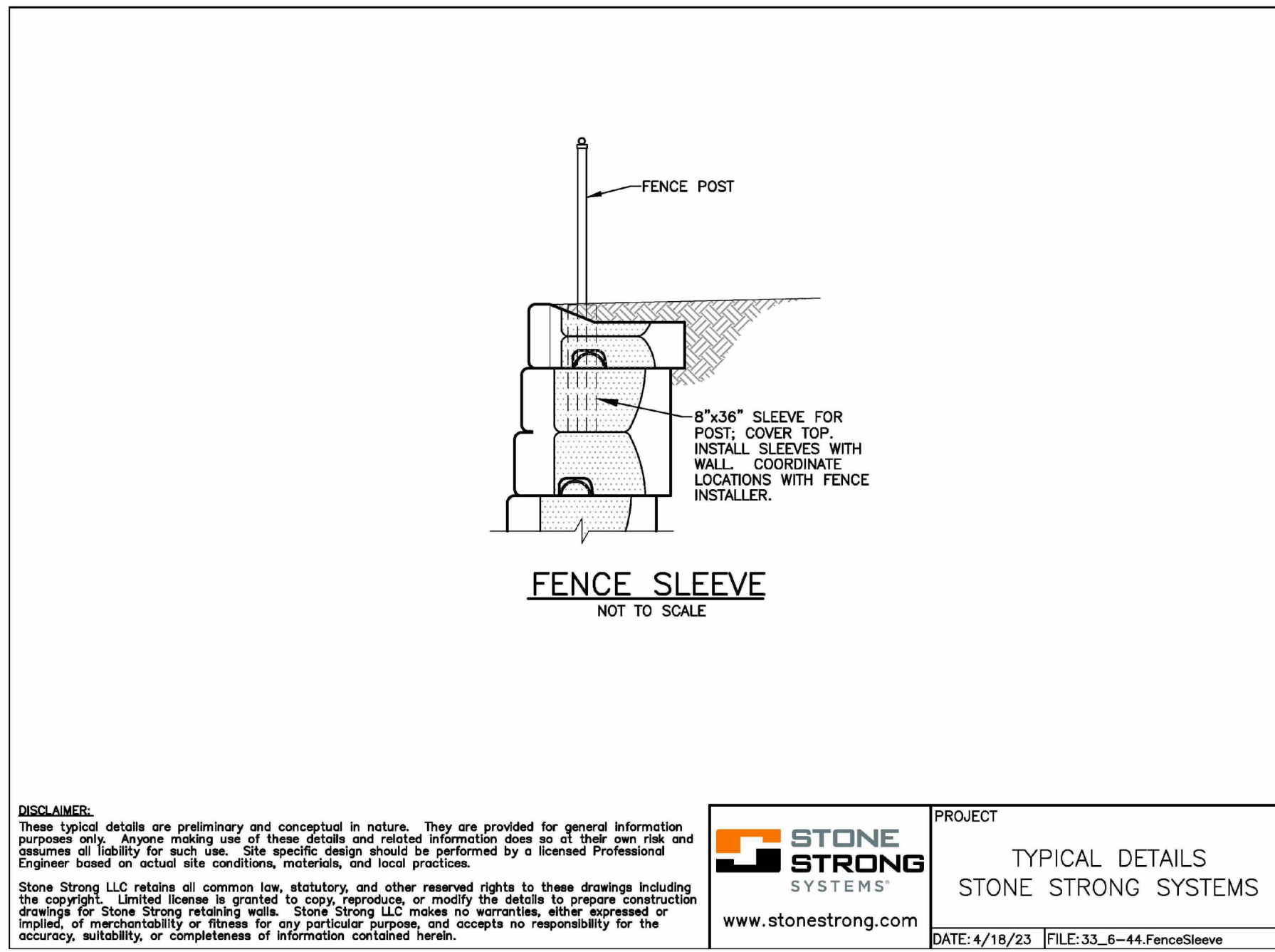
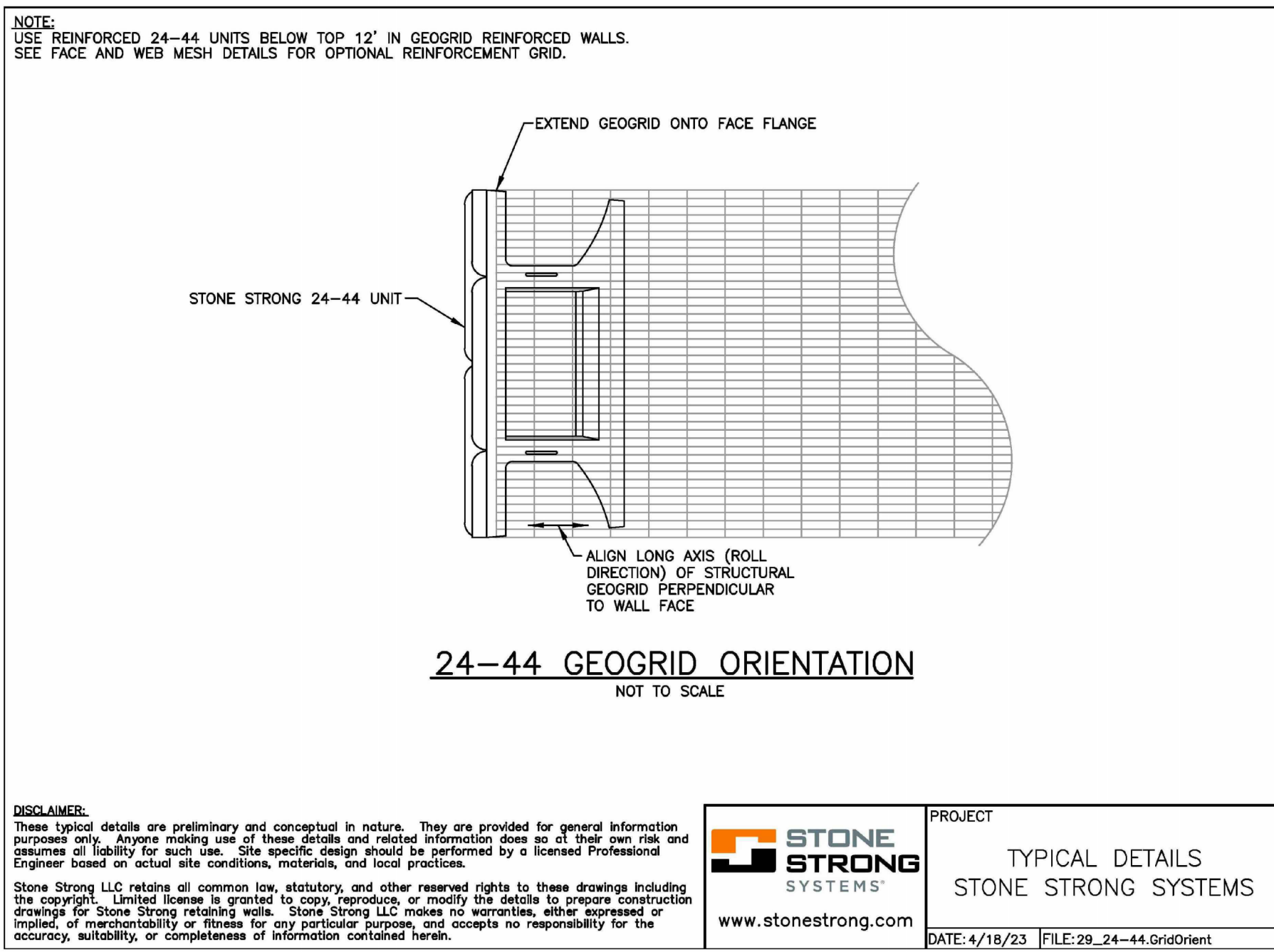
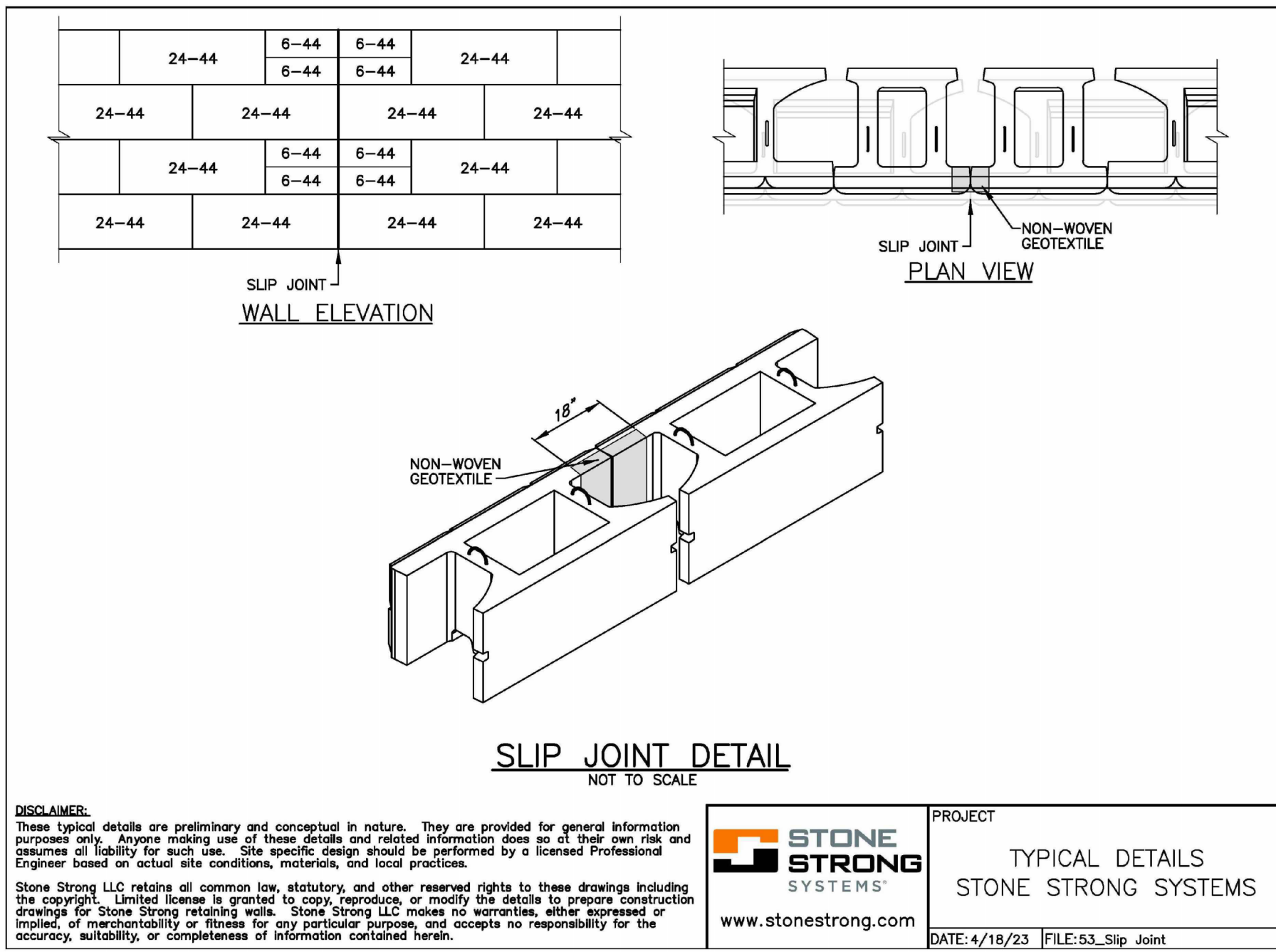
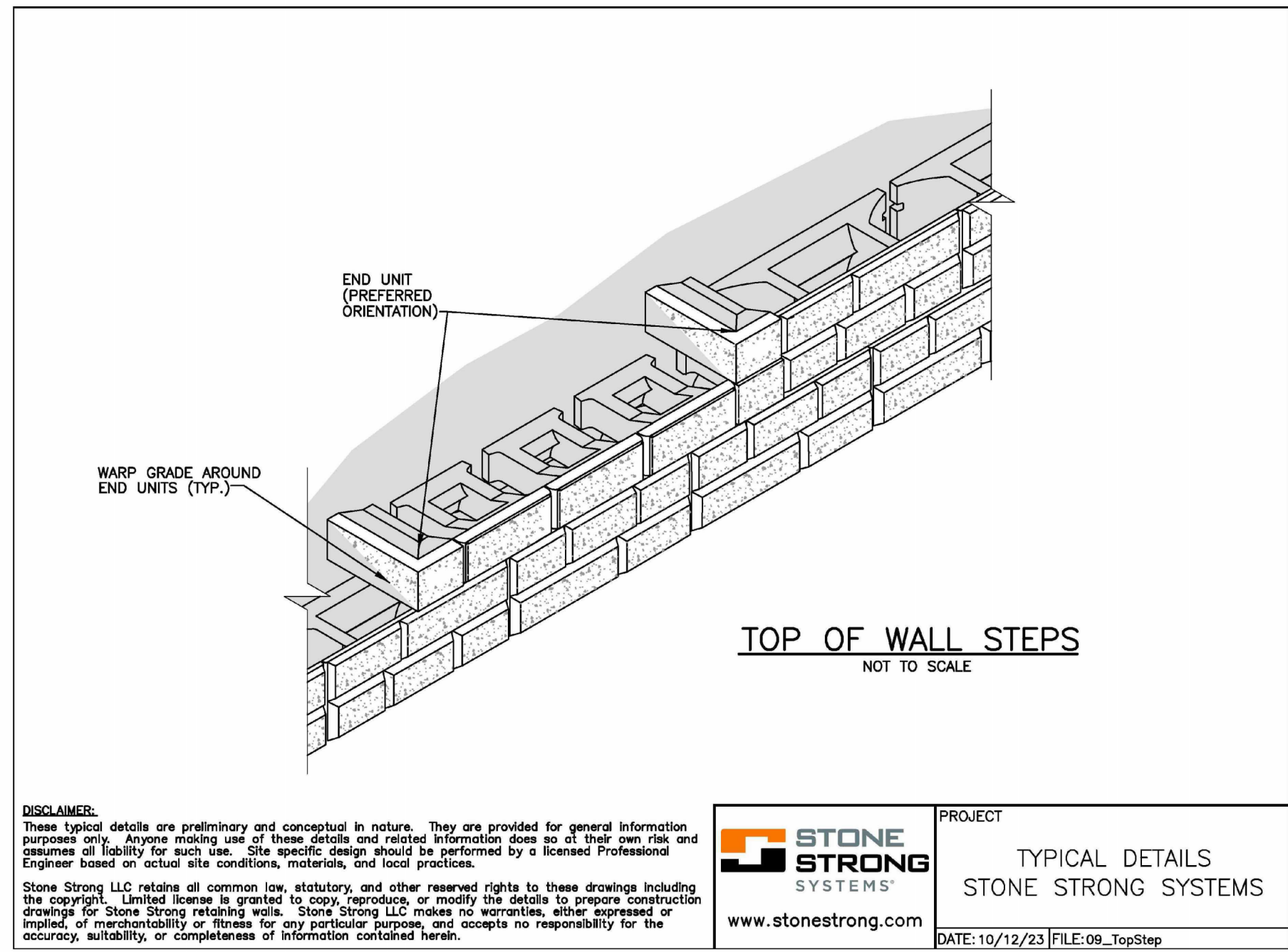
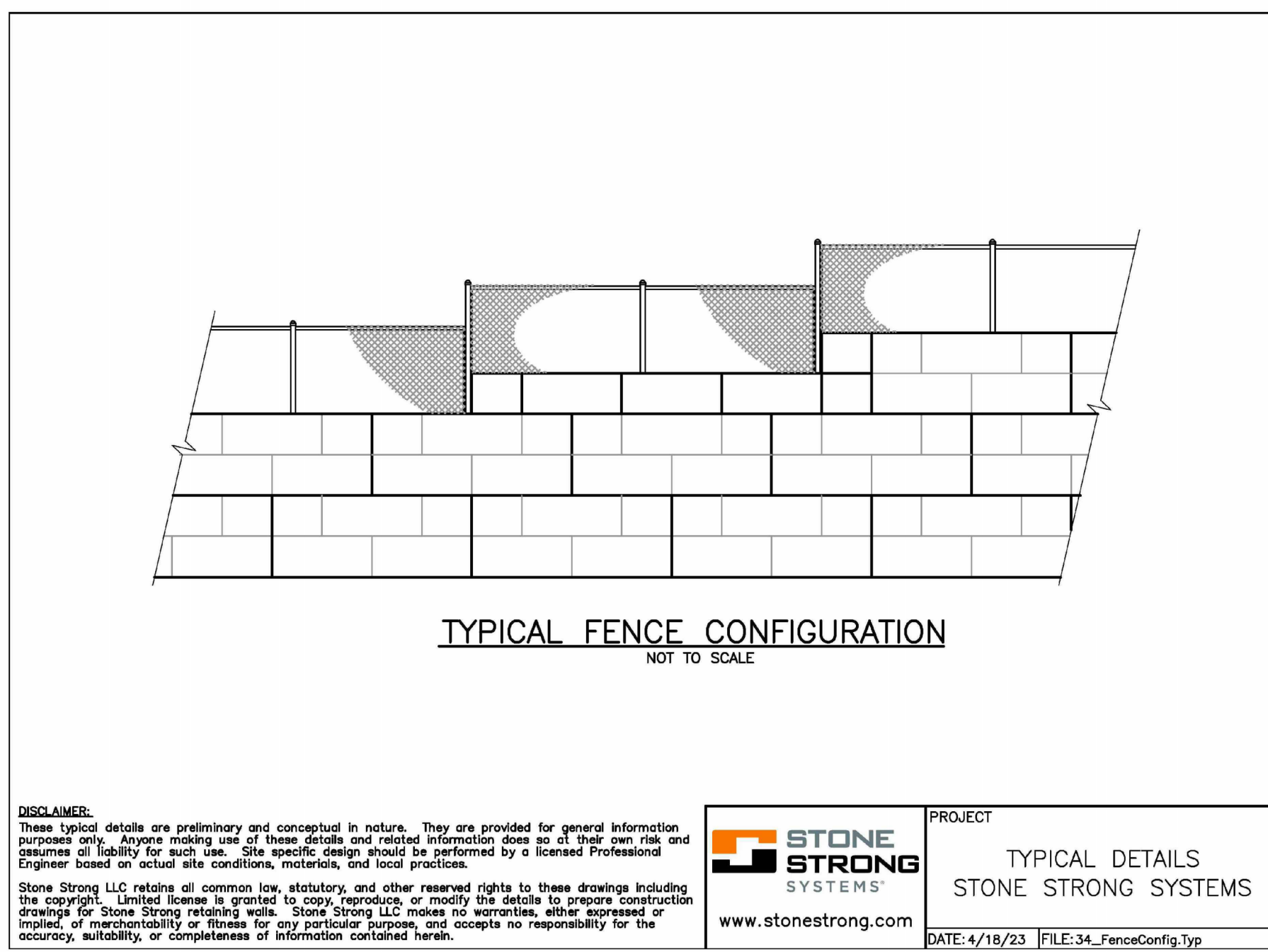
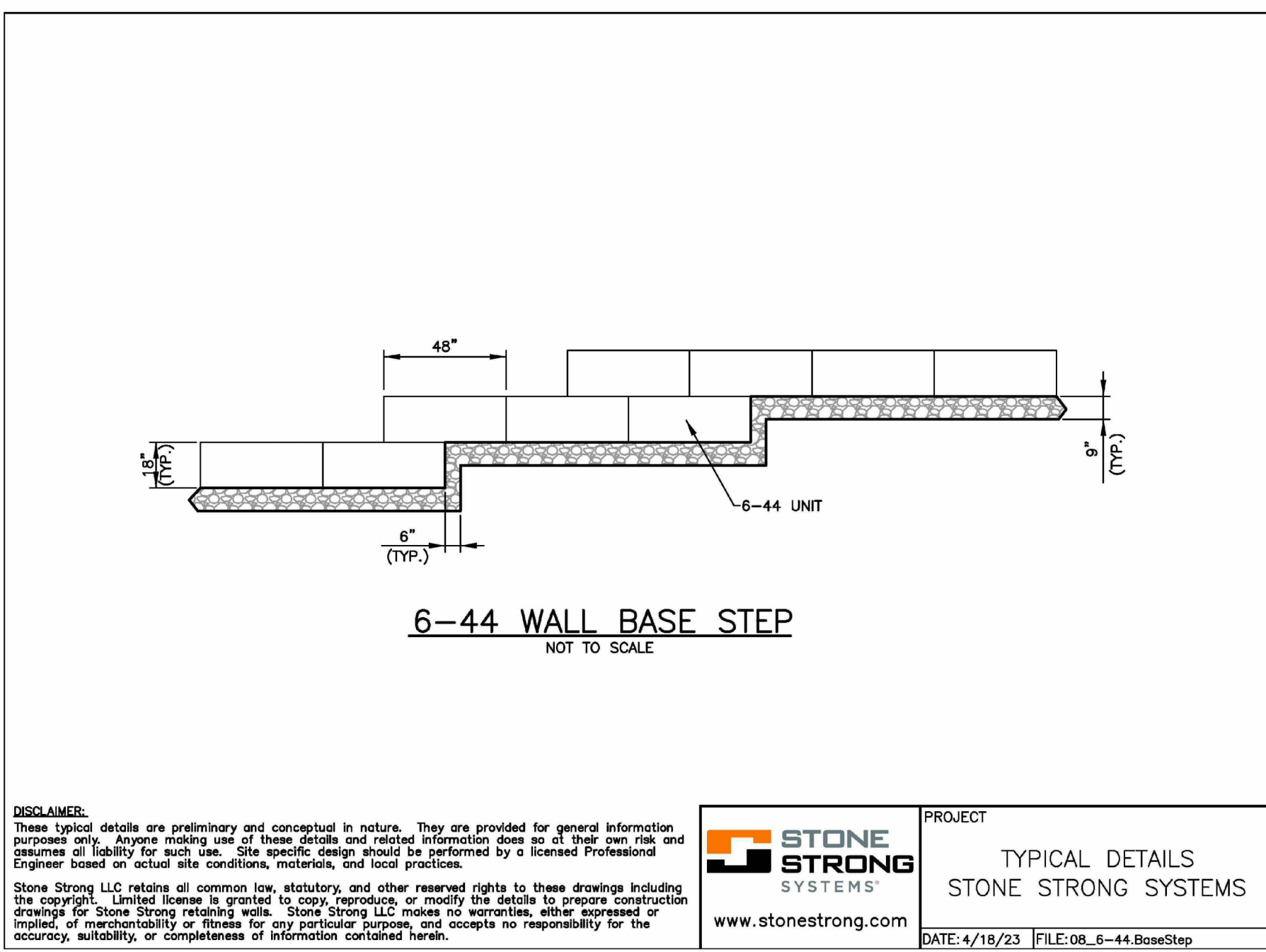
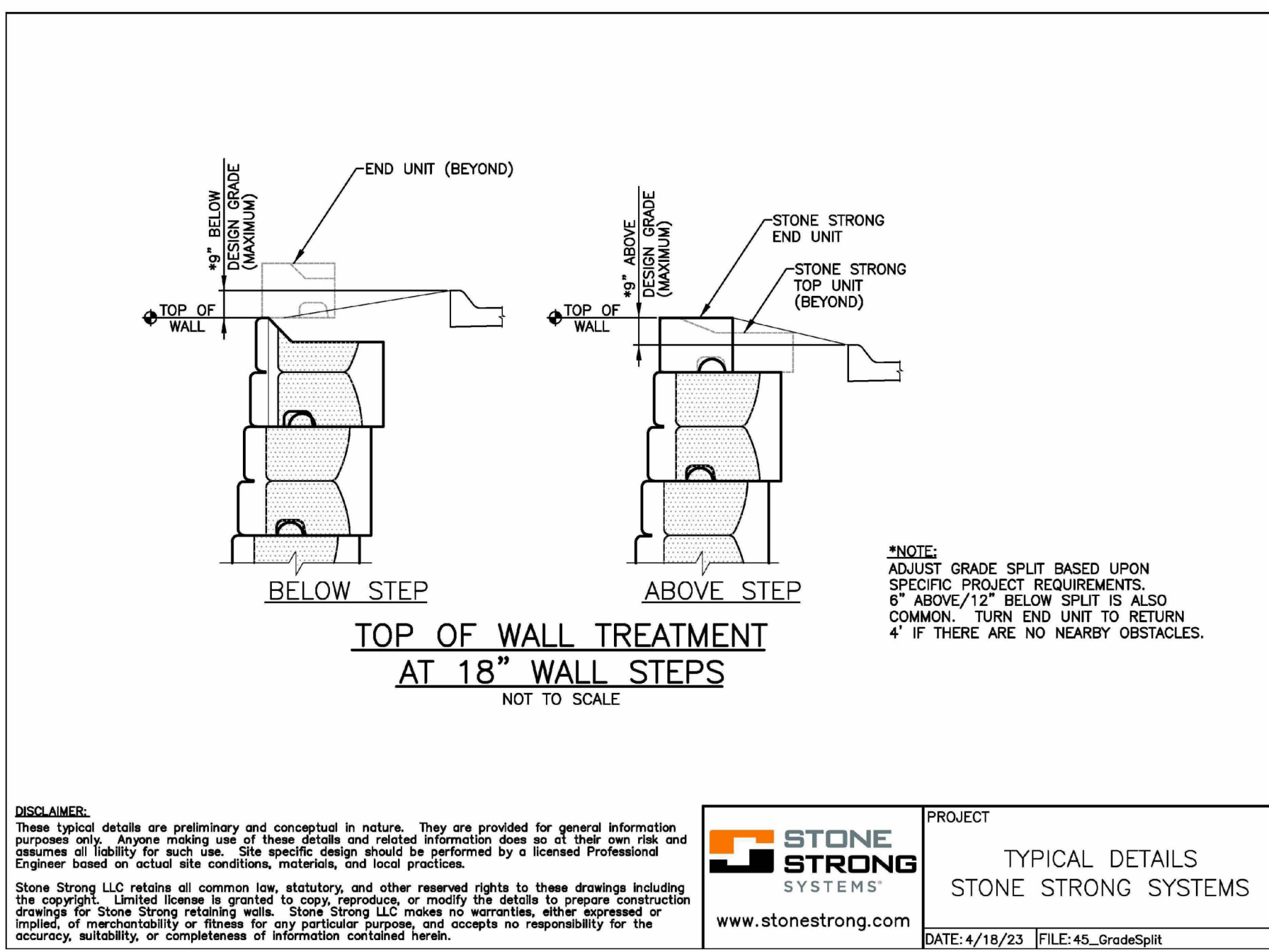
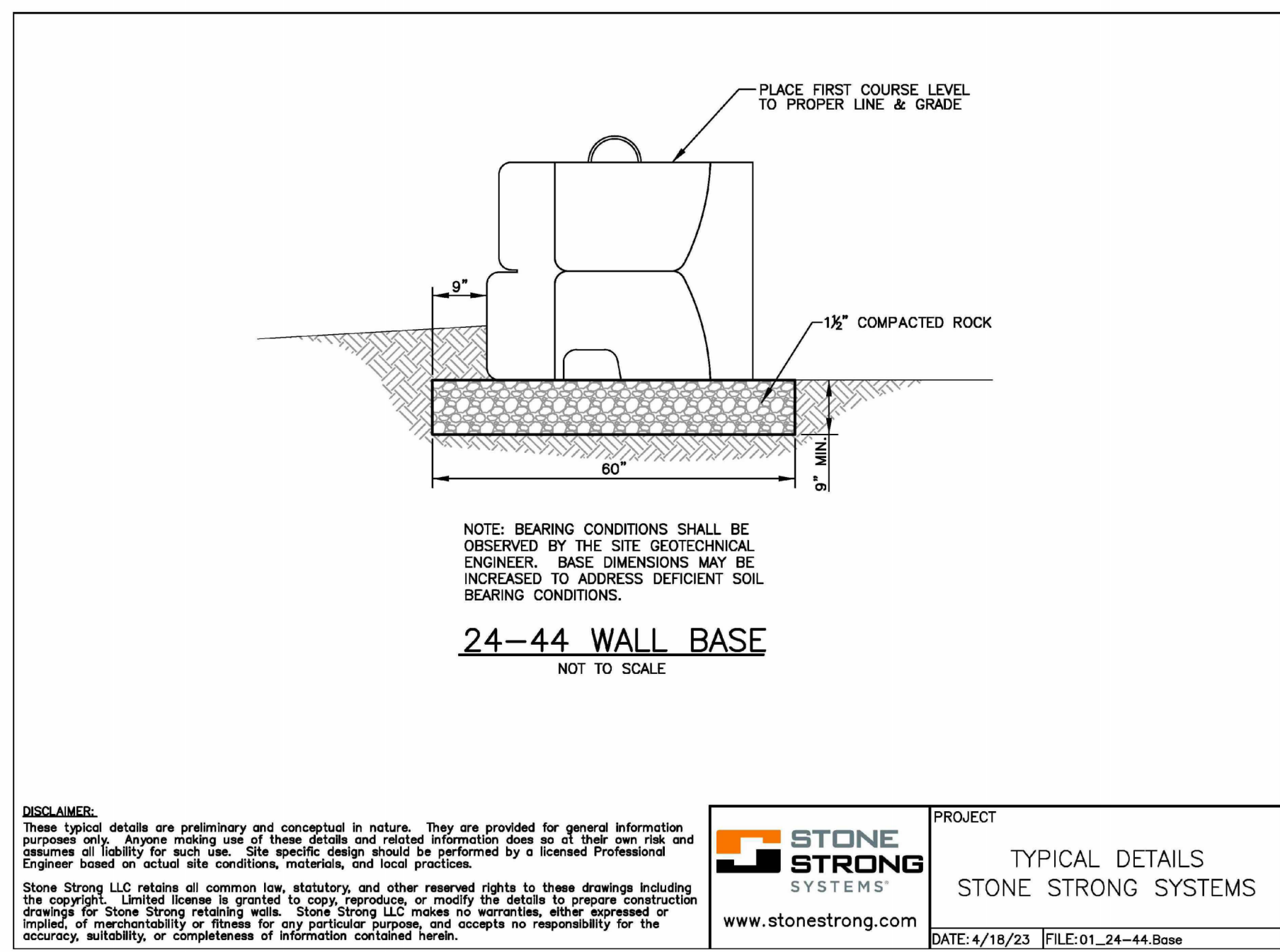
CONSTRUCTION DETAILS PREPARED FOR		TOWN OF MONTGOMERY (TOWN HALL)	
TOWN OF MONTGOMERY ORANGE COUNTY, NEW YORK		TOWN OF MONTGOMERY ORANGE COUNTY, NEW YORK	
Drawn By: PLS	Checked By:	Scale: NTS	Tax Map No.: 30 - 1 - 87
Date: MARCH 6, 2024		Revision: MARCH 28, 2024 JUNE 18, 2024 AUGUST 15, 2024 OCTOBER 24, 2024 DECEMBER 3, 2024 DECEMBER 23, 2024 JANUARY 14, 2025	
Sheet No.: 5 OF 6		Drawing No.: C30 A-18 -2309 - 01	

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RETAINING WALL NOTES:

1. SEE PLANS PREPARED BY KEVIN PATTON, P.E. TITLED "RETAINING WALL FOR NEW POLICE FACILITY", FOR DESIGNED WALL LAYOUT, ADDITIONAL DETAILS, AND INSTALLATION REQUIREMENTS.

SPECIFICATIONS	
Concrete Min. Strength: 4,000 psi at 28 days	
Reinforcement: #4 & #5 Rebar / ASTM A615	
Air Entrainment: 6%	
Construction Joint: Butyl Rubber Sealant	
Pipe Connection: Polylok Seal or as needed	
Load Rating: HS20-44 + 30% / ASTM C857	
www.woodardsconcrete.com	

PRECAST TRAFFIC DUTY TANKS 750 TO 6,000 GALLONS SEPTIC TANKS & GREASE TRAPS	
Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050	
Page 4A 7/28/20	

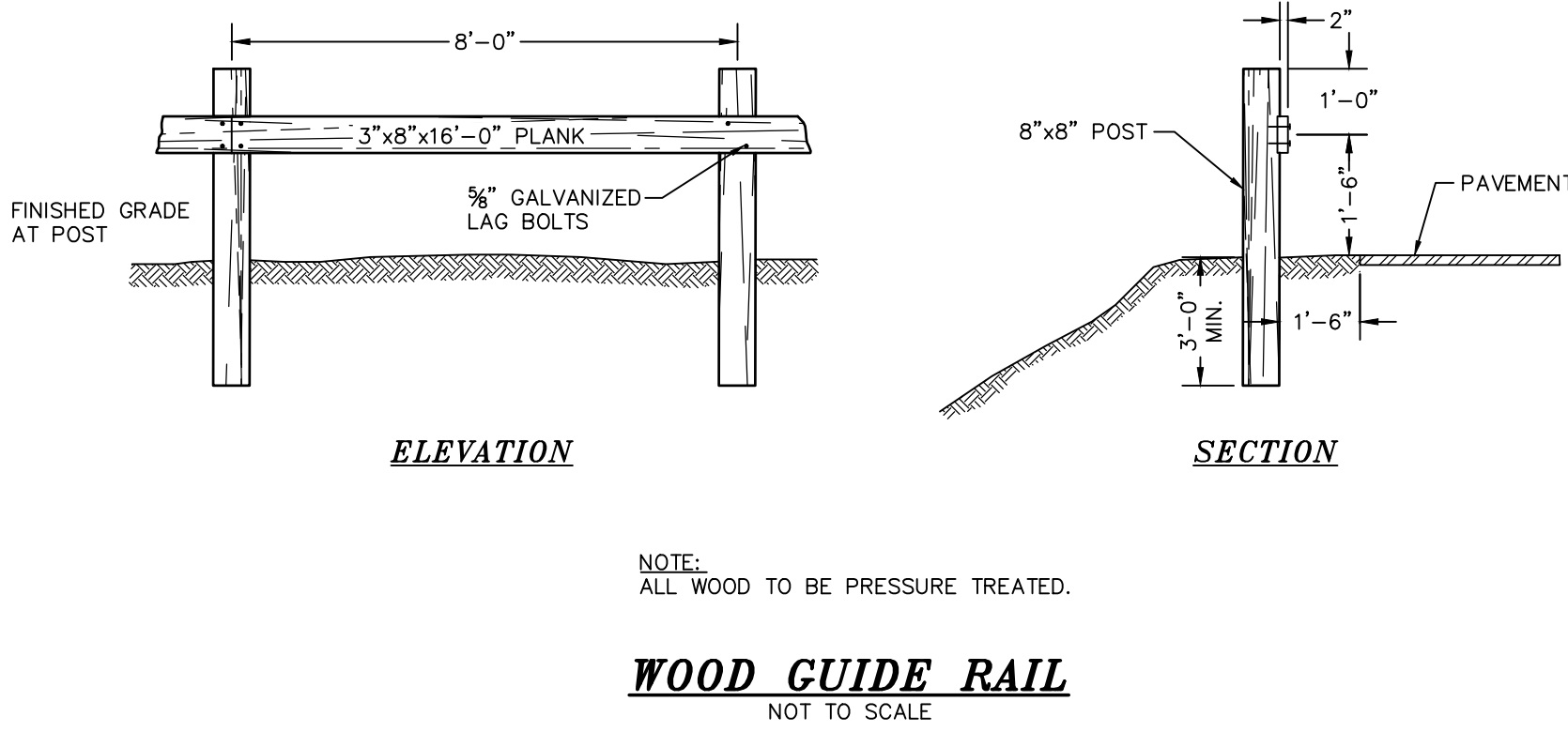
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SAFE DIGGING STARTS HERE

- NOTES:
- FABRIC: 48" - 9 GA. VINYL COATED (2" MESH)
  - TOP RAIL: 1-5/8" O.D. VINYL COATED PIPE TOP RAIL 21' IN LENGTH
  - LINE POST: 2" O.D. VINYL COATED PIPE LINE POSTS SET 10' ON CENTER MAXIMUM SPACING. CONCRETE FOOTING: 8" DIAMETER, 36" DEPTH.
  - TERMINAL POST: 2-1/2" O.D. VINYL COATED PIPE CONCRETE FOOTING: 10" DIAMETER, 36" DEPTH.
  - TENSION WIRE: 7 GA. VINYL COATED WIRE ATTACHED TO BOTTOM OF FENCE FABRIC WITH SLB. ALUMINUM HOG RING SPACED 24" ON CENTER.
  - FITTINGS: REGULAR BRACE BAND & NUTS & BOLTS, ALUMINUM RAIL END, ALUMINUM LINE POST TOP, ALUMINUM POST CAP, 3/8" TENSION BAR, REGULAR TENSION BAND & NUTS & BOLTS.
  - TIE WIRE: 6 2" 9 GA. ALUMINUM TIE WIRE SPACED 15" ON CENTER FOR LINE POSTS & 24" ON CENTER FOR RAILS.
  - POST FOOTING: HAND MIXED CONCRETE.
- CHAIN LINK FENCE  
NOT TO SCALE



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CONSTRUCTION DETAILS 2 PREPARED FOR

TOWN OF MONTGOMERY (TOWN HALL)  
TOWN OF MONTGOMERY  
ORANGE COUNTY, NEW YORK

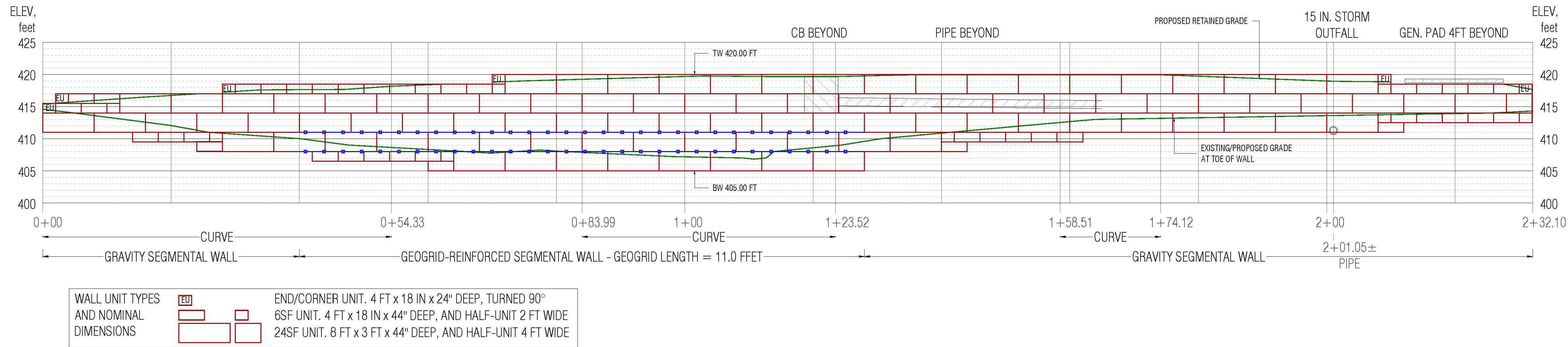
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Revised: MARCH 29, 2024  
JUNE 18, 2024  
AUGUST 15, 2024  
OCTOBER 24, 2024  
DECEMBER 3, 2024  
DECEMBER 23, 2024  
JANUARY 14, 2025

TAB File: 153-02-CONST DETAIL  
Layer: CONST DET 2  
Sheet No: 6 OF 6

Drawn By: PLS  
Checked By: NTS  
Scale: 30 - 1 - 87  
Tax Map No.:  
Drawing No.: C30  
A-18 -2309 - 01

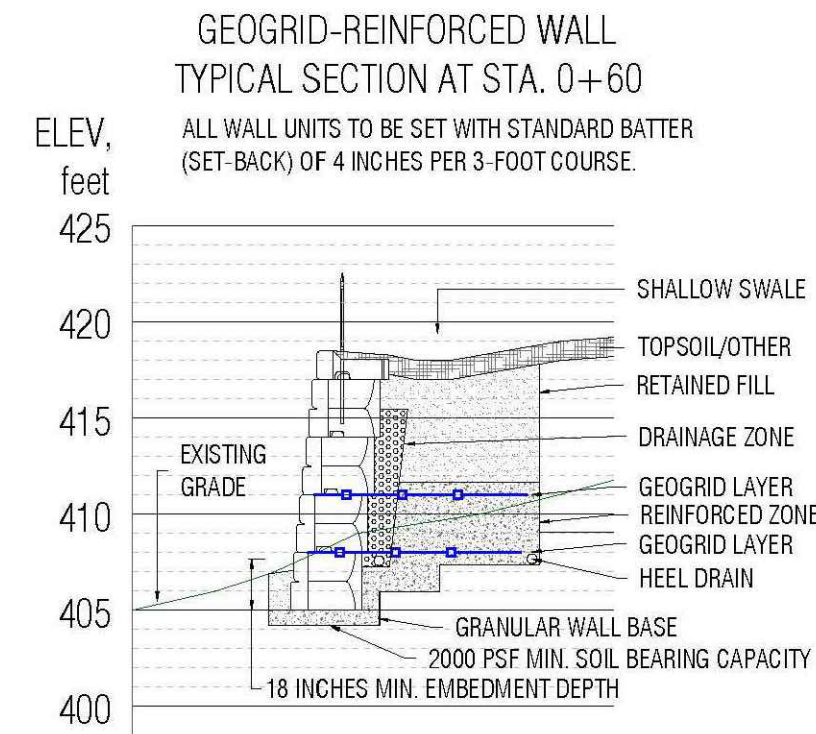




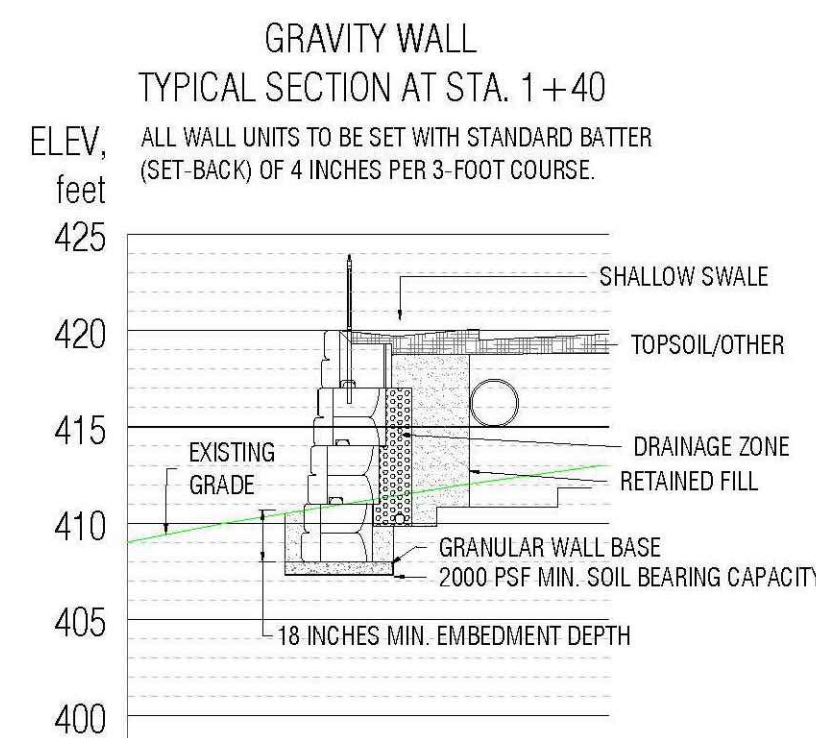
1  
B-401  
RETAINING WALL ELEVATION  
SCALE 1 INCH = 10 FEET



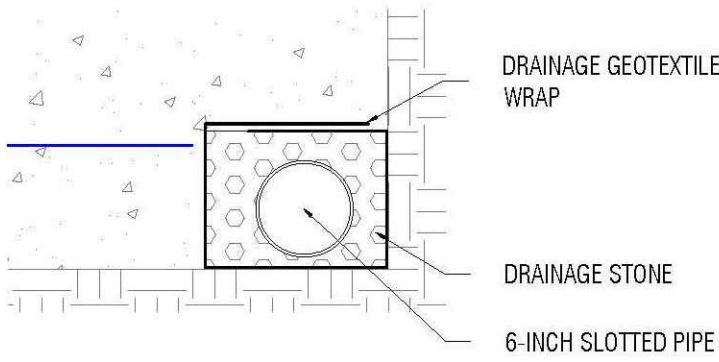
2  
B-401  
RETAINING WALL PLAN  
SCALE 1 INCH = 10 FEET



3  
B-401  
GEOGRID-REINFORCED WALL SECTION  
SCALE 1 INCH = 10 FEET



4  
B-401  
GRAVITY WALL SECTION  
SCALE 1 INCH = 10 FEET

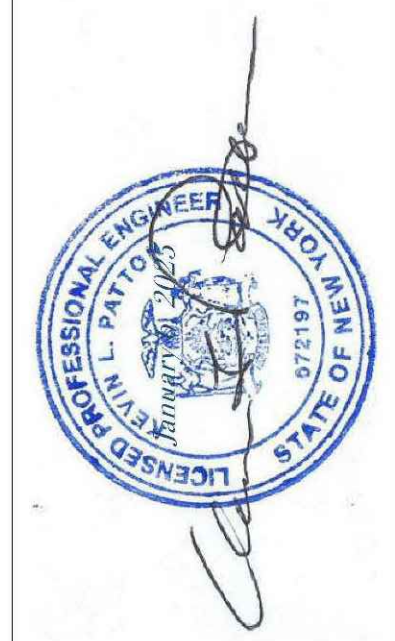


5  
B-401  
HEEL DRAIN  
NOT TO SCALE

NY CODE RULE 53 - CONTRACTOR SHALL CALL FOR UTILITY CLEARANCE AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION, AND SHALL NOT EXCAVATE UNTIL FULL POSITIVE RESPONSE IS OBTAINED.



KEVIN L. PATTON, P.E.  
36 PATTON ROAD  
NEWBURCH, NY 12550  
843 273-7732 PATTONGEOTECH.COM



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RETAINING WALL FOR NEW POLICE FACILITY

TOWN OF MONTGOMERY, ORANGE COUNTY, N.Y.

SEGMENTAL RETAINING WALL

PROJECT NUMBER			
24415			
REV.	DATE	BY	KLP
0	1/6/2025		

SCALE AS NOTED

SHEET 1 OF 2  
B-401



REFERENCE	MATERIALS	B. WALL STONE B (ASTM C33/D448 SIZE #57)	4. REINFORCED ZONE FILL: WELL-GRADED CRUSHED STONE OR SAND AND GRAVEL COMPLYING WITH THE FOLLOWING GRADATION SPECIFICATION. THE FRACTION PASSING THE #40 SIEVE SHALL BE NON-PLASTIC.	6. DRAINAGE GEOTEXTILE: WOVEN DRAINAGE GEOTEXTILE WITH AT LEAST 4% OPEN AREA AND AN APPARENT OPENING SIZE (AOS) OF US SIEVE #70.
1. THESE PLANS ARE SUBORDINATE TO THE PROJECT DRAWINGS PREPARED BY LANC & TULLY ENGINEERING AND SURVEYING. P.C., OF GOSHEN, N.Y.	WALL MATERIALS	SIEVE SIZE PERCENT PASSING	SIEVE SIZE PERCENT PASSING	
2. GENERAL WALL CONSTRUCTION DETAILS ARE PROVIDED ON THE 'CONSTRUCTION DETAILS 2' SHEET OF THE ABOVE-REFERENCED PLANS.	1. WALL UNITS SHALL BE PRECAST CONCRETE 'STONE STRONG SYSTEMS' SEGMENTAL BLOCK UNITS. UNIT TYPES ARE LISTED ON THE ELEVATION DRAWING.	1-1/2" 100	1-INCH 100	
3. SOILS AND SUBSURFACE DATA ARE PROVIDED IN THE 'GEOTECHNICAL INVESTIGATION REPORT,' DATED JUNE 13, 2024, BY KEVIN L. PATTON, P.E.	2. GEOGRID SHALL BE SYNTEEN SF55.	1" 95-100	#4 25-95	
		1/2" 25-60	#40 5-40	
		#4 0-10	#200 0-15	
		#8 0-5		
	FILL MATERIALS	2. DRAINAGE ZONE: SAME AS WALL BLOCK INFILL.	5. RETAINED FILL: WELL-GRADED SELECT BORROW OR IMPORTED FILL COMPLYING WITH THE FOLLOWING GRADATION SPECIFICATION. THE FRACTION PASSING THE #40 SIEVE SHALL HAVE A PLASTICITY INDEX OF FOUR (4) OR LESS.	
	1. WALL BLOCK INFILL: CLEAN CRUSHED STONE, NYSDOT- APPROVED FOR USE AS CONCRETE COARSE AGGREGATE, OR AS APPROVED BY THE ENGINEER.	3. GRANULAR WALL BASE: WELL-GRADED CRUSHED STONE OR SAND AND GRAVEL COMPLYING WITH THE FOLLOWING GRADATION SPECIFICATION.	SIEVE SIZE PERCENT PASSING	
		SIEVE SIZE PERCENT PASSING	6-INCH 100	
		3-INCH 100	#4 25-95	
		#4 25-65	#40 5-45	
		#40 5-40	#200 0-25	
		#200 0-15		
	A. WALL STONE A (STONE-STRONG BASE STONE)			
	SIEVE SIZE PERCENT PASSING			
	1-1/2" 100			
	3/4" 50-75			
	#4 0-10			
	#8 0-5			
GENERAL NOTES	WALL VIA A SOLID PIPE.	PLACED IN LIFTS WITH A MAXIMUM THICKNESS OF 12 INCHES EACH.	9. TOPSOIL: APPLY TOPSOIL, SEED AND MULCH PER THE PROJECT SPECIFICATIONS. TOPSOIL SHOULD BE TAMPED LIGHTLY AS NEEDED TO RESIST EROSION. INSTALLATION OF A TEMPORARY RECP (ROLLED EROSION CONTROL PRODUCT) MAY BE REQUIRED TO PROTECT THE DRAINAGE SWALE BEHIND THE WALL UNTIL VEGETATION IS WELL ESTABLISHED.	
1. PERFORM INSTALLATION PER THE SEGMENTAL BLOCK MANUFACTURER'S PROCEDURES AND PER THE DETAILS ON THE REFERENCED DRAWINGS.				
2. COMPLY WITH ALL REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL, PER THE PROJECT SWPPP DOCUMENTS.				
LAYOUT NOTES	SUBGRADE PREPARATION	5. WALL TOE: THOROUGHLY COMPACT THE BACKFILL ALONG THE DOWNHILL SIDE OF THE WALL. PLACE IN LIFTS WITH A MAXIMUM COMPACTED THICKNESS OF 12 INCHES EACH. MAKE AT LEAST SIX VIBRATORY COMPACTION PASSES, CONTINUING UNTIL THE BACKFILL IS DENSE.	TESTING AND INSPECTION	
1. WALL LAYOUT: THE LINE OF THE WALL SHOWN ON THE DRAWING IS AT 417.0 FEET ELEVATION. THE WALL UNITS HAVE A SET-BACK OF 4 INCHES PER 3-FT TALL UNIT.	1. EXCAVATE THE WALL FOUNDATION AREA TO STIFF UNDISTURBED NATIVE SOILS, FREE FROM TOPSOIL AND ROOT MASSES, USING METHODS THAT MINIMIZE DISTURBANCE OF THE FINAL SURFACE.		1. THE SUBGRADE SOILS IN THE WALL AREA SHALL BE INSPECTED AFTER THE COMPLETION OF EXCAVATION. TEST THE SOILS IN THE WALL BEARING AREA WITH A STATIC CONE PENETROMETER OR SIMILAR DEVICE TO VERIFY ACCEPTABLE BEARING CAPACITY.	
2. CURVE LAYOUT: THE CURVE RADII SHOWN IS ARE 417.0 FEET ELEVATION. THE RADIUS CHANGES BY FOUR INCHES PER 3-FOOT HIGH COURSE OF BLOCK.	2. REMOVE TOPSOIL AND SOFT SOIL FROM THE SURFACE OF THE REINFORCED ZONE BEHIND THE WALL.	6. WALL-ADJACENT ZONE (WITHIN 3 FEET, MINIMUM, FROM BACK OF WALL): PLACE DRAINAGE STONE AND FILL IN LIFTS WITH A COMPACTED THICKNESS OF 9 INCHES EACH. COMPACT SUFFICIENTLY TO PREVENT SETTLEMENT. MAKE ONE OR TWO PASSES OVER THE DRAINAGE ZONE AND TWO TO FOUR PASSES OVER THE FILL. MAKE ADDITIONAL PASSES ONLY IF A LOOSE CONDITION PERSISTS.	2. VERIFY THE PROPER TYPE, ORIENTATION, LENGTH AND INSTALLATION OF THE GEOGRID.	
PROCEDURAL NOTES	FILL PLACEMENT AND COMPACTION	7. REINFORCED ZONE FILL: PLACE IN LIFTS WITH A COMPACTED THICKNESS OF 9 INCHES EACH. IN THE ANCHOR ZONE OF THE WALL (REAR 3 FT OF GEOGRID, BEGINNING 4.33 FEET FROM REAR FACE OF WALL.) COMPACT EACH LIFT WITH AT LEAST SIX VIBRATORY PASSES, AND TO AT LEAST 95% OF ITS ASTM D698 STANDARD PROCTOR MAXIMUM DRY DENSITY, AT A MOISTURE CONTENT WITHIN 2% OF OPTIMUM MOISTURE.	3. PERFORM COMPACTION TESTING USING A NUCLEAR MOISTURE-DENSITY GAUGE FOR REINFORCED ZONE. PERFORM THE TESTS IN THE ANCHOR ZONE, IN AT LEAST THREE LOCATIONS PER LIFT.	
1. PIPE PENETRATION: CUT THE BLOCK END(S) WITHOUT CUTTING THE WEBS, AS NEEDED TO PASS THE 15-INCH STORM PIPE AT STATION 2+01. FILL THE SECTION WHERE THE PIPE PASSES THROUGH THE WALL WITH CONCRETE, COVERING THE PIPE BUT TO NO HIGHER THAN 3 INCHES BELOW THE TOP OF THE BLOCK. 3000-PSI BAG MIX CONCRETE IS SUITABLE FOR THIS LOCATION.	1. PLACE FILL IN UNIFORM LIFTS WITHOUT SEGREGATION. CONDITION THE FILL TO A MOISTURE CONTENT WITHIN 2% OF OPTIMUM MOISTURE, PRIOR TO COMPACTION.		4. VISUALLY INSPECT ALL OTHER FILL PLACEMENT AND COMPACTION ACTIVITIES.	
2. HEEL DRAIN: INSTALL A 6-INCH SLOTTED HDPE DRAIN PIPE AT THE BOTTOM REAR OF THE REINFORCED FILL ZONE. COVER THE PIPE WITH DRAINAGE STONE, WRAPPED WITH DRAINAGE GEOTEXTILE. DISCHARGE THROUGH, AROUND OR UNDER THE FRONT OF THE	2. USE ONLY VIBRATORY PLATE TAMPERS WHEN COMPACTING WITHIN THREE FEET FROM THE REAR OF THE WALL.	8. RETAINED FILL: PLACE IN LIFTS WITH A COMPACTED THICKNESS OF 9 INCHES EACH. COMPACT SUFFICIENTLY TO PREVENT SETTLEMENT. MAKE SIX COMPACTION PASSES OVER EACH LIFT IN AREAS BELOW PAVEMENT, CURBS OR PIPES. MAKE AT LEAST FOUR COMPACTION PASSES ELSEWHERE.		
	3. PERFORM COMPACTION ELSEWHERE USING VIBRATORY PLATE TAMPERS, VIBRATORY TRENCH ROLLERS AND/OR SMALL SINGLE-DRUM SOIL ROLLERS (NOT TO EXCEED 5 TONS NOMINAL SIZE.)			
	4. GRANULAR BASE PAD: COMPACT WITH AT LEAST SIX VIBRATORY PASSES, AND UNTIL THE PAD IS IN A DENSE AND UNYIELDING CONDITION. IF THE THICKNESS OF THE PAD EXCEEDS TWELVE INCHES, IT SHALL BE			



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